

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136872.D
 Acq On : 02 Jan 2024 15:35
 Operator : CG\JU
 Sample : 06038-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 16:20:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

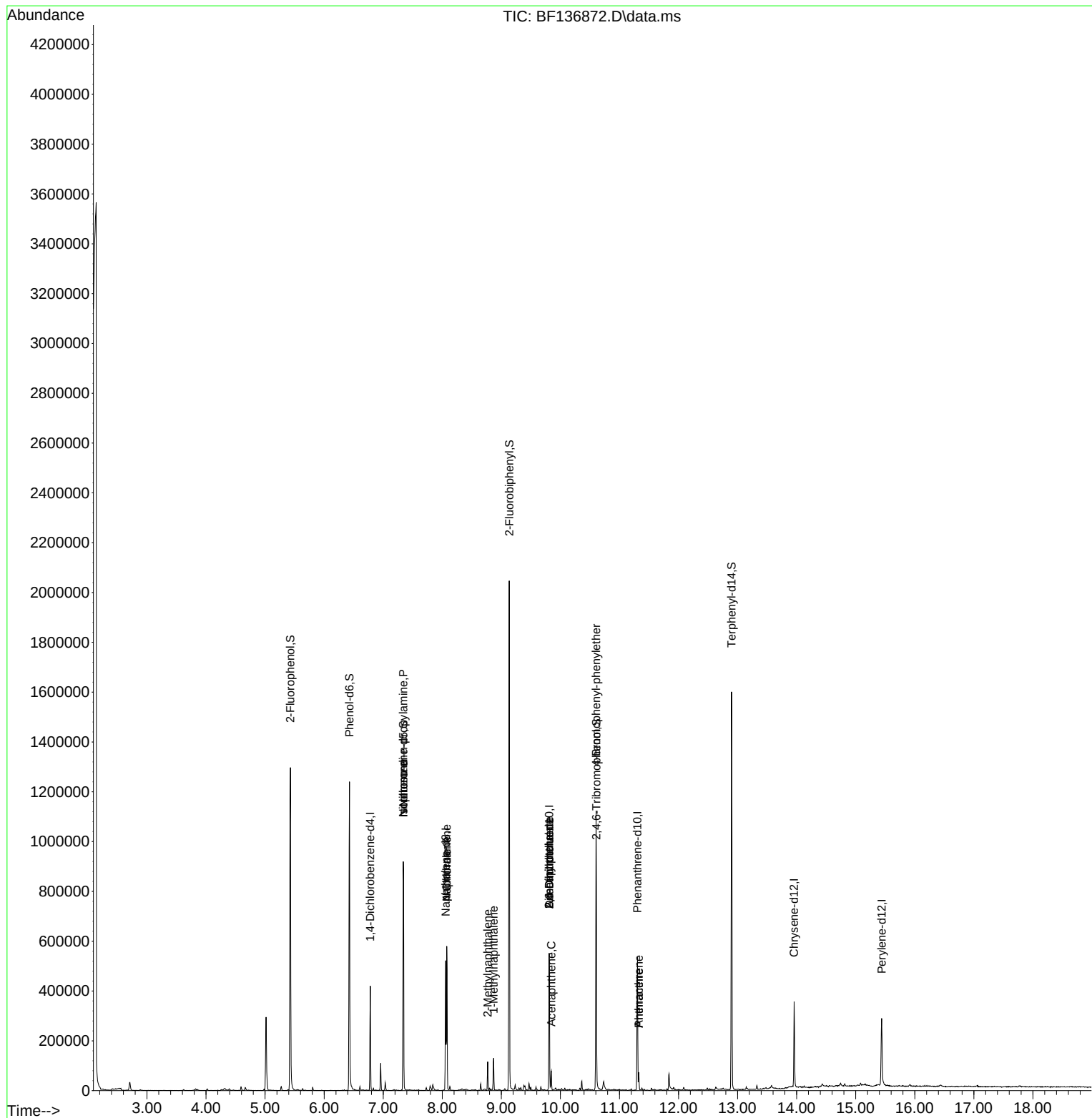
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	56189	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	209875	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	104780	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	183120	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	114019	20.000	ng	-0.01
86) Perylene-d12	15.439	264	133826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	359680	99.878	ng	0.00
7) Phenol-d6	6.428	99	408769	87.601	ng	-0.01
23) Nitrobenzene-d5	7.340	82	296461	72.282	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	140288	113.684	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	604643	77.614	ng	-0.02
79) Terphenyl-d14	12.898	244	586312	71.861	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.340	70	38422	13.583	ng	# 74
25) Isophorone	7.340	82	296459	39.724	ng	# 65
31) Naphthalene	8.075	128	241491	20.945	ng	100
33) 4-Chloroaniline	8.075	127	32100	7.540	ng	# 36
37) 2-Methylnaphthalene	8.769	142	27418	3.695	ng	90
38) 1-Methylnaphthalene	8.869	142	33375	4.584	ng	93
50) Dimethylphthalate	9.810	163	20620	2.694	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	13861	7.980	ng	# 29
52) Acenaphthene	9.845	154	15759	2.488	ng	96
57) 2,4-Dinitrotoluene	9.810	165	13861	6.147	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	8463	4.161	ng	# 1
71) Phenanthrene	11.328	178	24792	2.639	ng	97
72) Anthracene	11.328	178	24792	2.605	ng	98

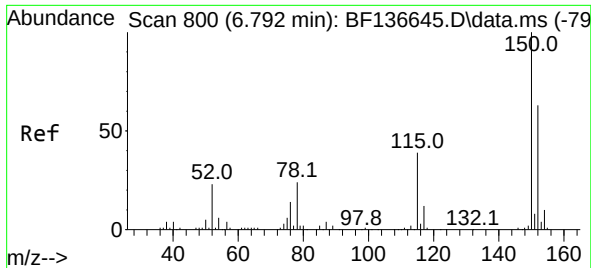
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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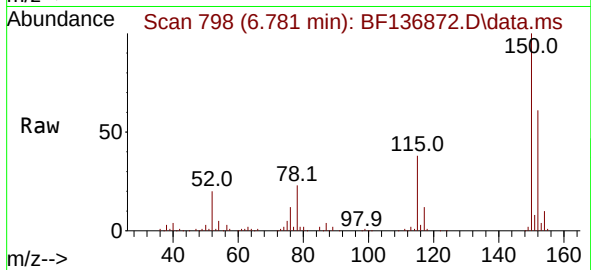
Quant Time: Jan 02 16:20:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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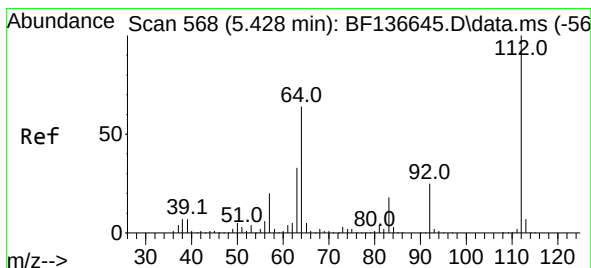
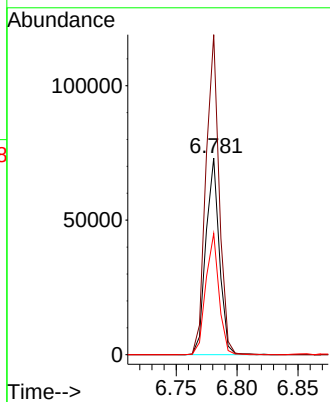
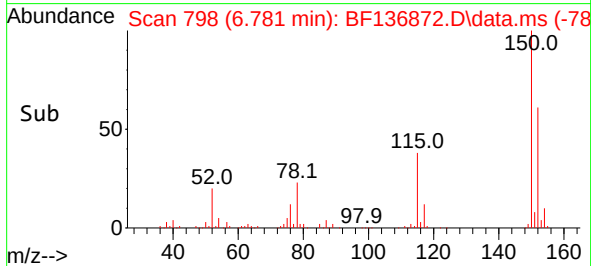


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

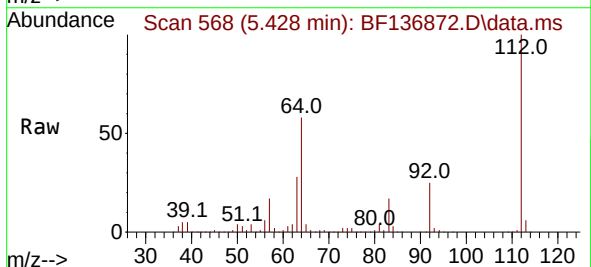
Instrument :
BNA_F
ClientSampleId :



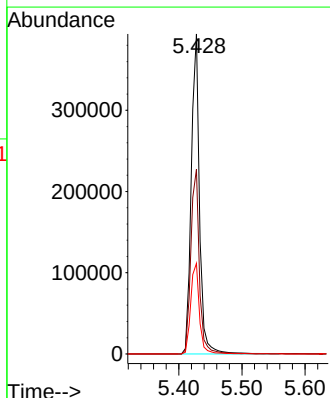
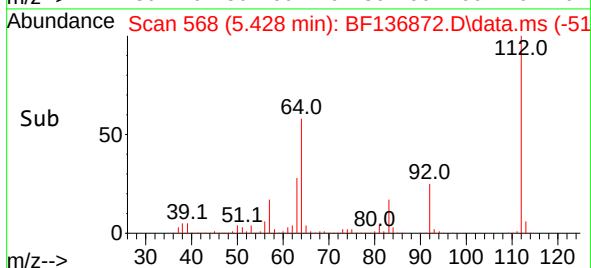
Tgt Ion:152 Resp: 56189
Ion Ratio Lower Upper
152 100
150 162.7 127.0 190.6
115 61.6 49.0 73.4

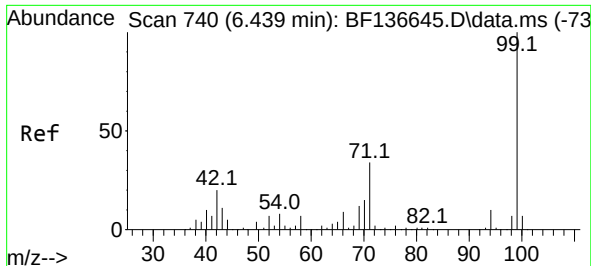


#5
2-Fluorophenol
Concen: 99.878 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35



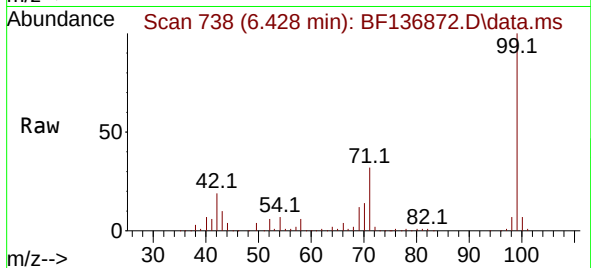
Tgt Ion:112 Resp: 359680
Ion Ratio Lower Upper
112 100
64 57.7 51.1 76.7
63 28.3 26.1 39.1





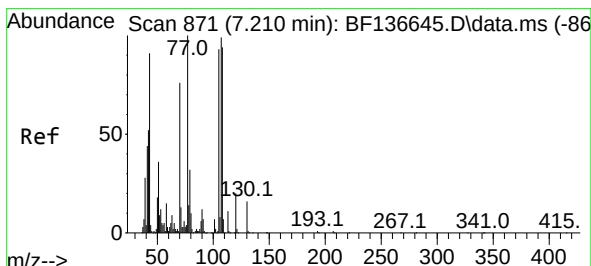
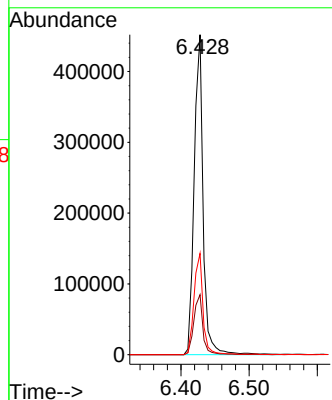
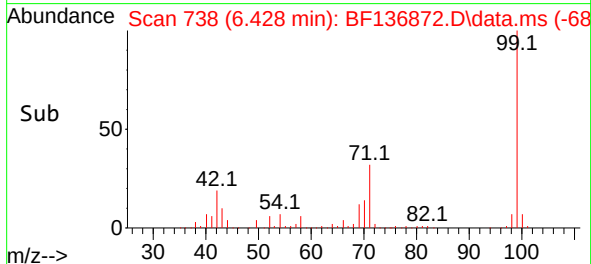
#7
Phenol-d6
Concen: 87.601 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

Instrument :
BNA_F
ClientSampleId :

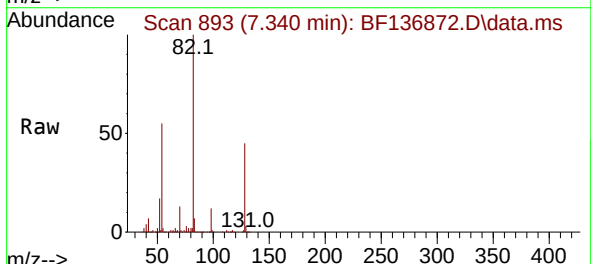


Tgt Ion: 99 Resp: 408769

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.1	24.1
71	31.6	27.4	41.2

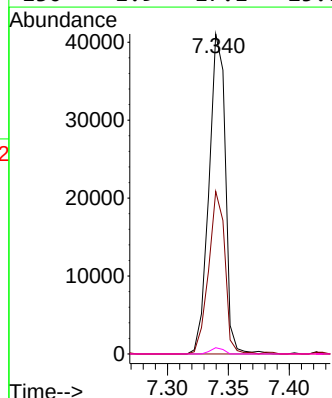
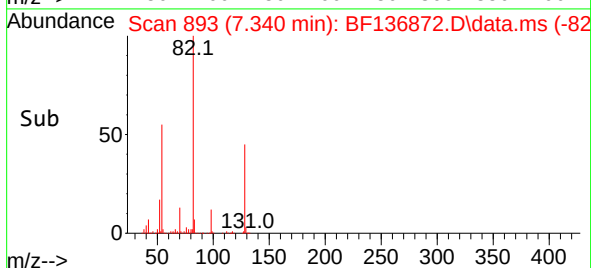


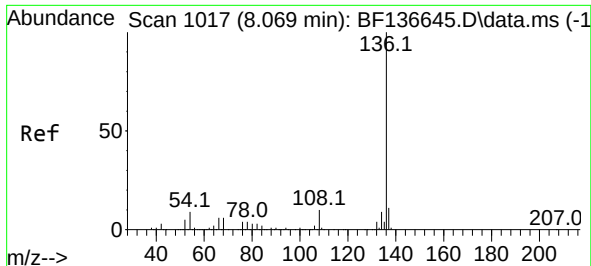
#19
n-Nitroso-di-n-propylamine
Concen: 13.583 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35



Tgt Ion: 70 Resp: 38422

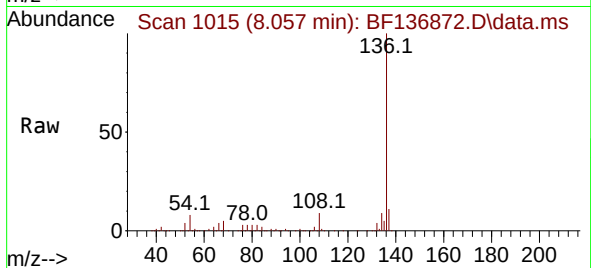
Ion	Ratio	Lower	Upper
70	100		
42	50.8	54.2	81.4#
101	0.0	7.6	11.4#
130	1.9	17.1	25.7#



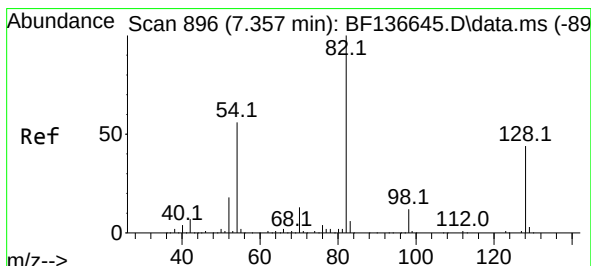
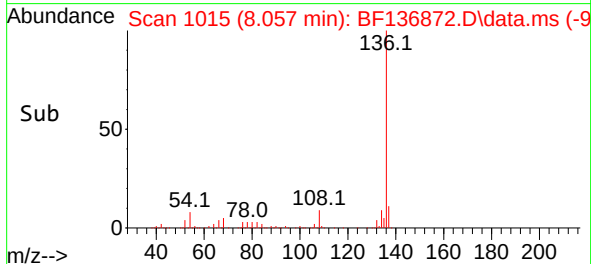
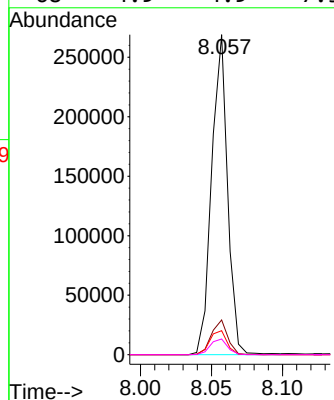


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

Instrument :
BNA_F
ClientSampleId :

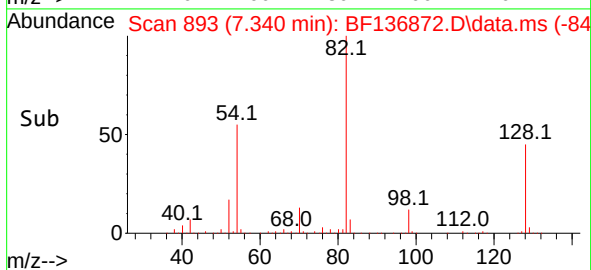
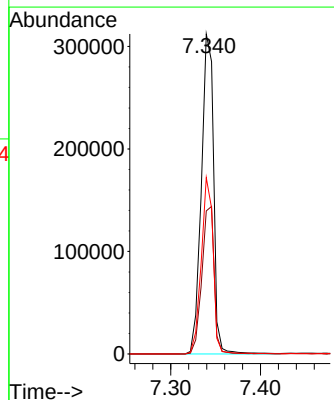
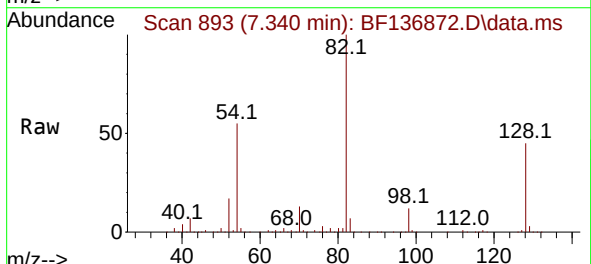


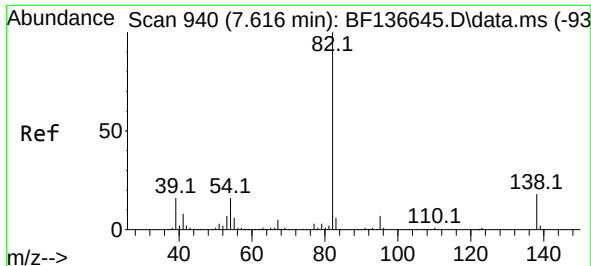
Tgt Ion:136 Resp: 209875
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.5 7.2 10.8
68 4.9 4.9 7.3



#23
Nitrobenzene-d5
Concen: 72.282 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

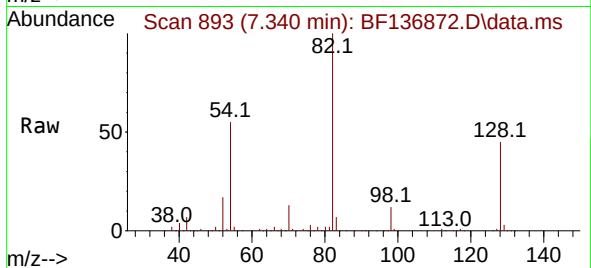
Tgt Ion: 82 Resp: 296461
Ion Ratio Lower Upper
82 100
128 44.7 35.3 52.9
54 55.1 44.5 66.7



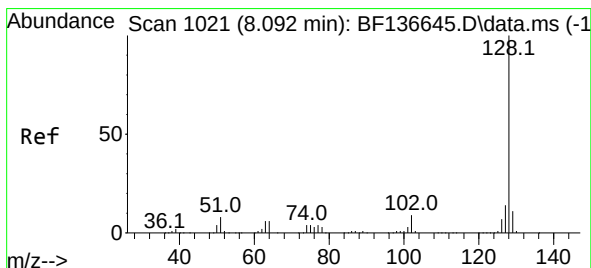
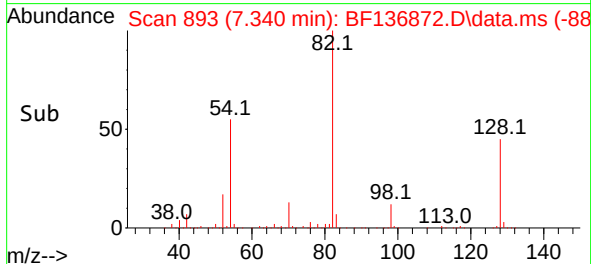
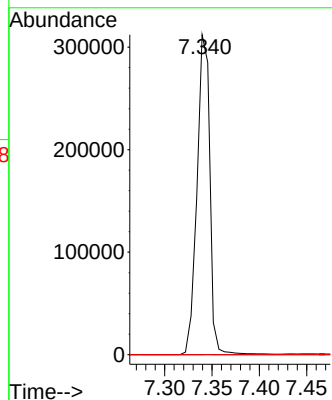


#25
Isophorone
Concen: 39.724 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

Instrument :
BNA_F
ClientSampleId :

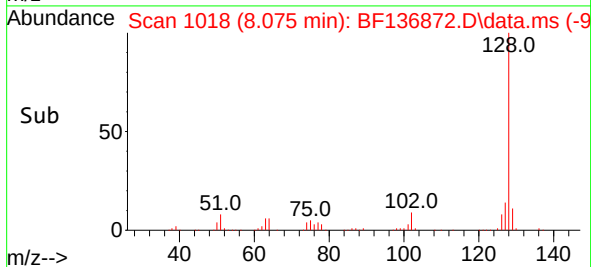
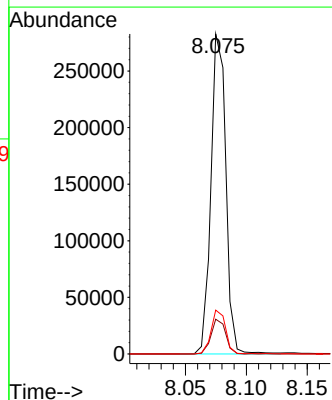
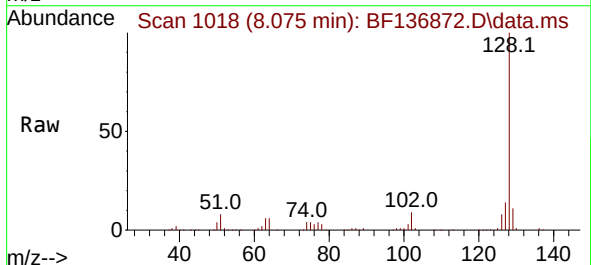


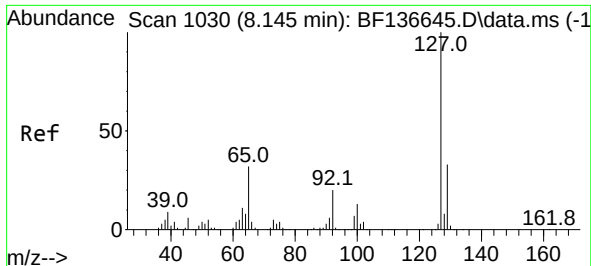
Tgt Ion: 82 Resp: 296459
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#31
Naphthalene
Concen: 20.945 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.017 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

Tgt Ion: 128 Resp: 241491
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.7 10.8 16.2

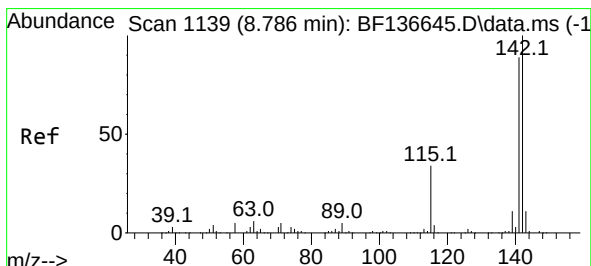
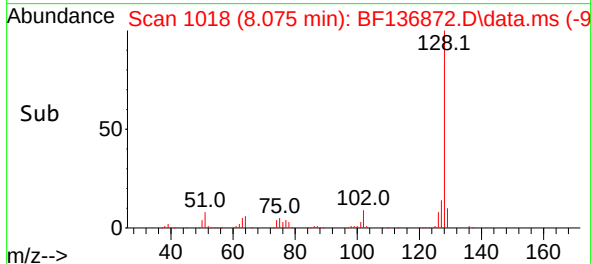
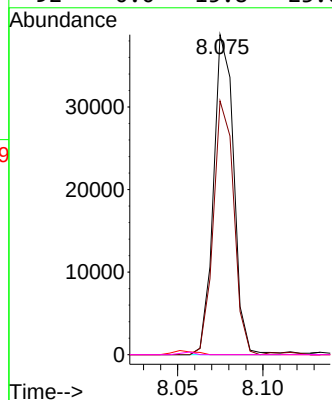
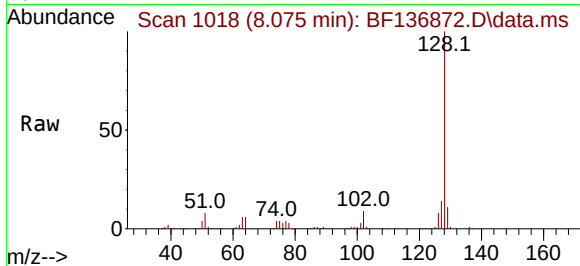




#33
4-Chloroaniline
Concen: 7.540 ng
RT: 8.075 min Scan# 110
Delta R.T. -0.070 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

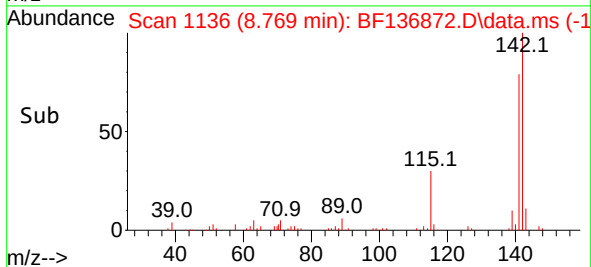
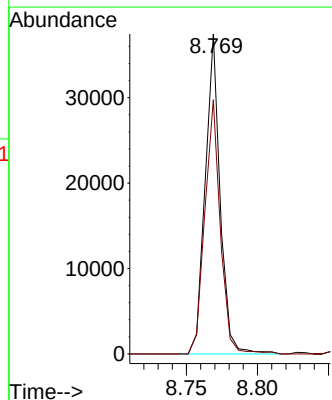
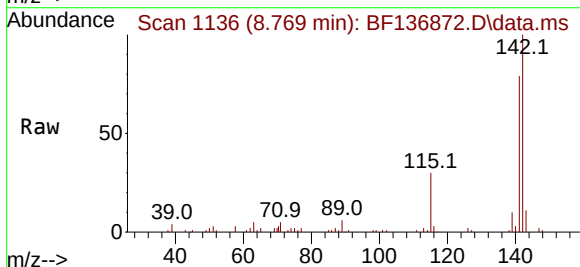
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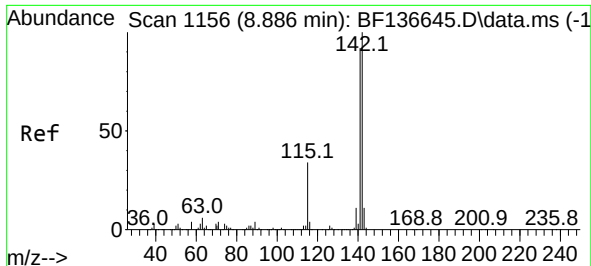
Tgt Ion:127	Resp:	32100
Ion	Ratio	Lower Upper
127	100	
129	79.3	26.3 39.5#
65	0.0	25.8 38.8#
92	0.0	15.8 23.6#



#37
2-Methylnaphthalene
Concen: 3.695 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.017 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

Tgt Ion:142	Resp:	27418
Ion	Ratio	Lower Upper
142	100	
141	79.4	71.1 106.7

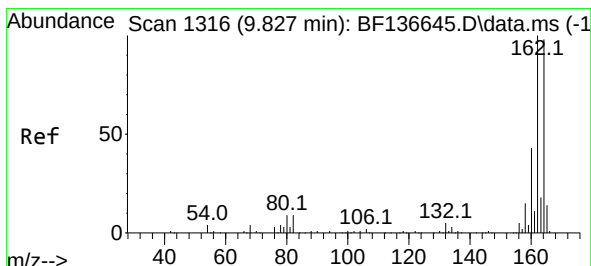
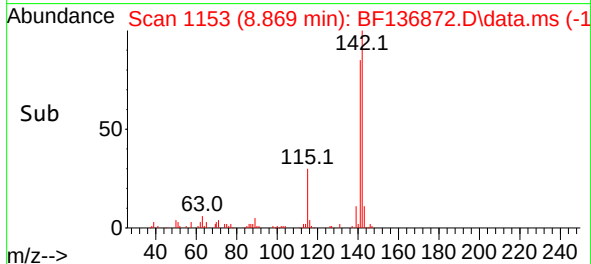
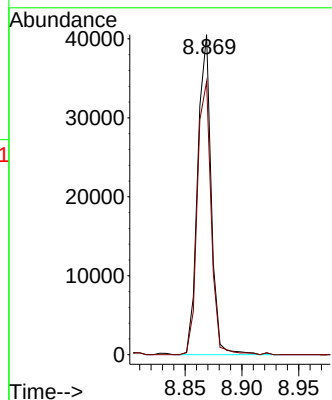
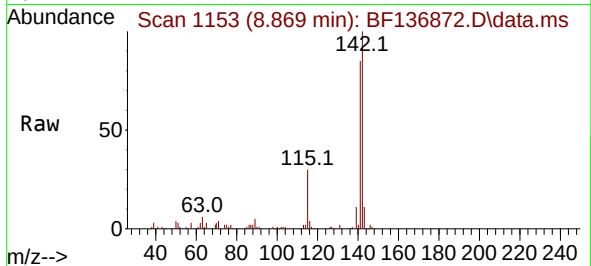




#38
1-Methylnaphthalene
Concen: 4.584 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.017 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

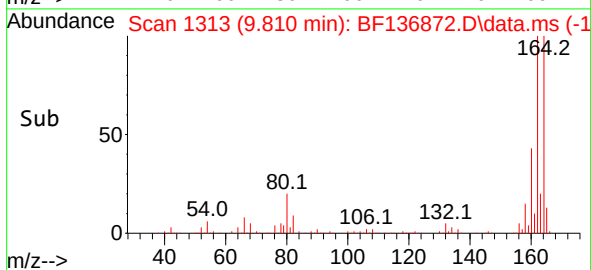
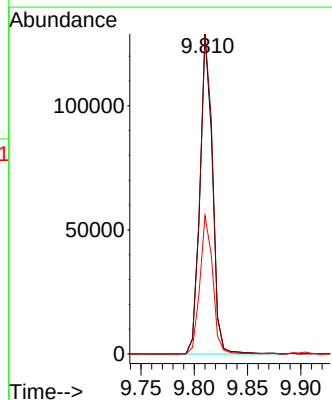
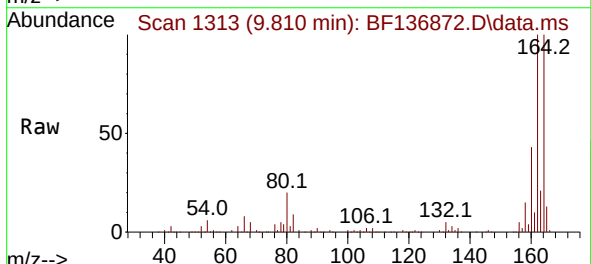
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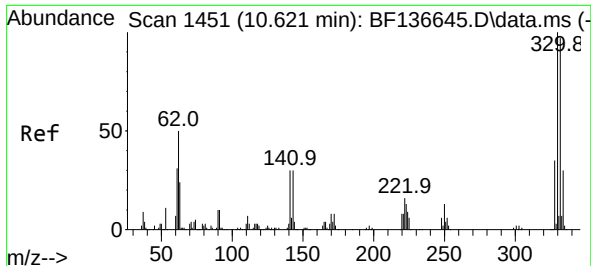
Tgt Ion:142 Resp: 33375
Ion Ratio Lower Upper
142 100
141 85.4 73.6 110.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

Tgt Ion:164 Resp: 104780
Ion Ratio Lower Upper
164 100
162 100.3 81.6 122.4
160 43.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 113.684 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

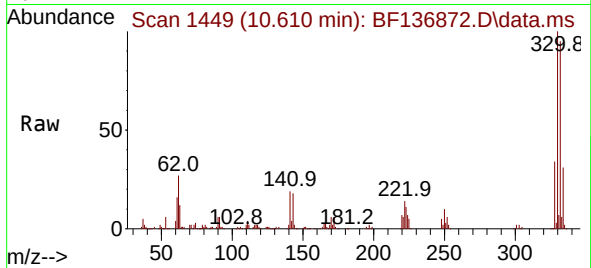
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Acq: 02 Jan 2024 15:35

Instrument :

BNA_F

ClientSampleId :



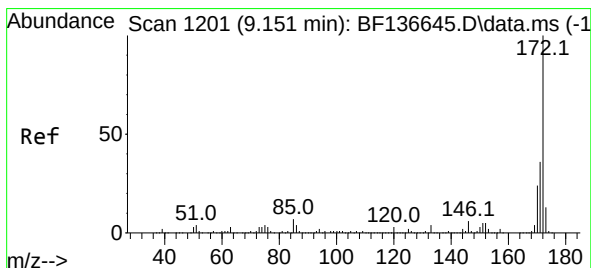
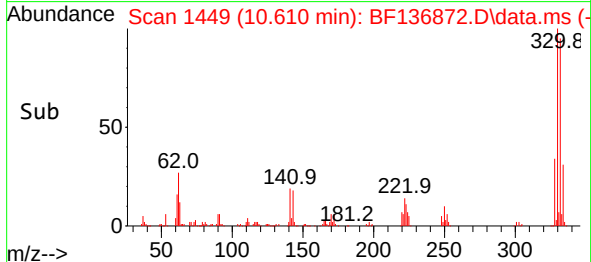
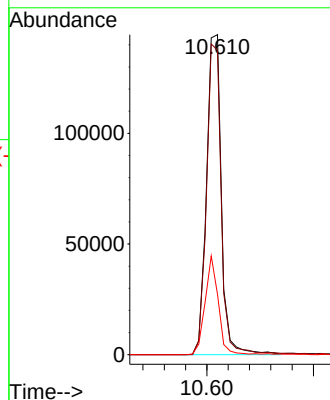
Tgt Ion:330 Resp: 140288

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 77.614 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136872.D

Acq: 02 Jan 2024 15:35

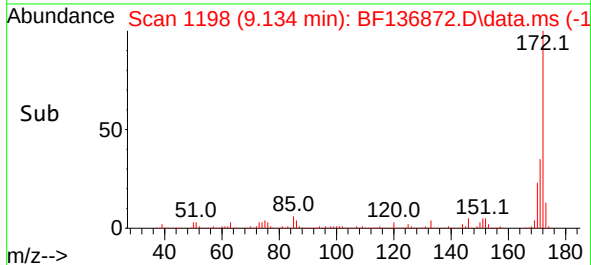
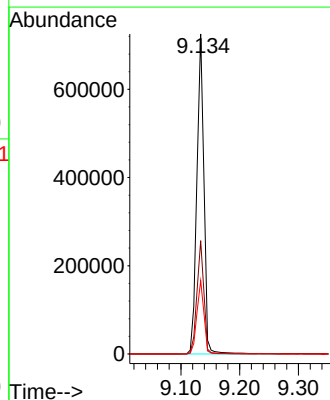
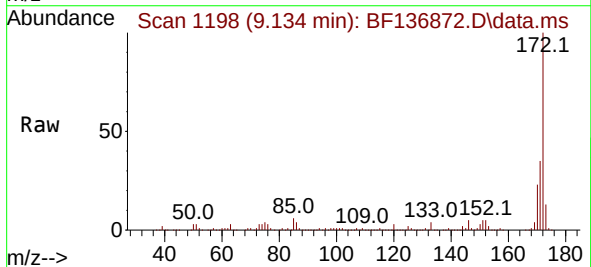
Tgt Ion:172 Resp: 604643

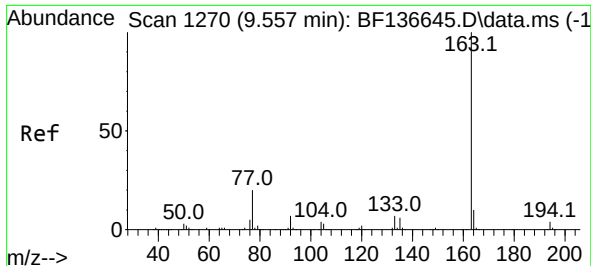
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 22.9 19.0 28.4

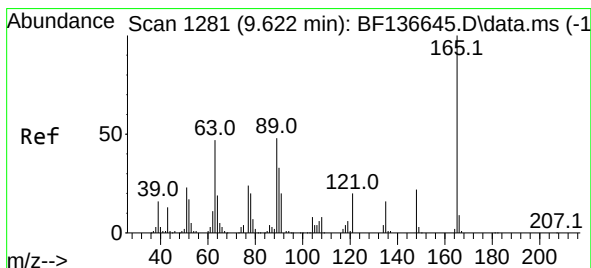
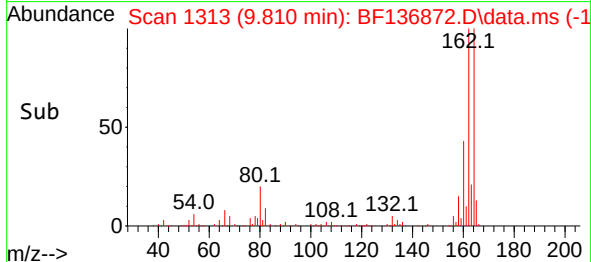
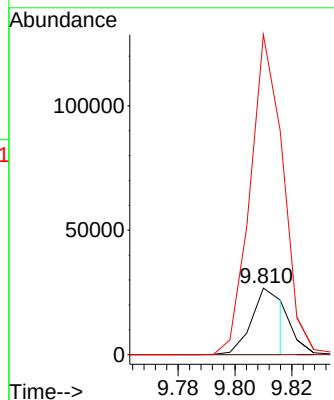
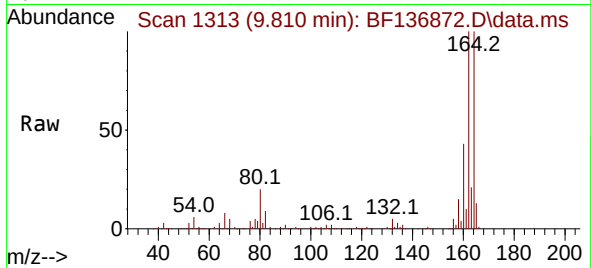




#50
Dimethylphthalate
Concen: 2.694 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.253 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

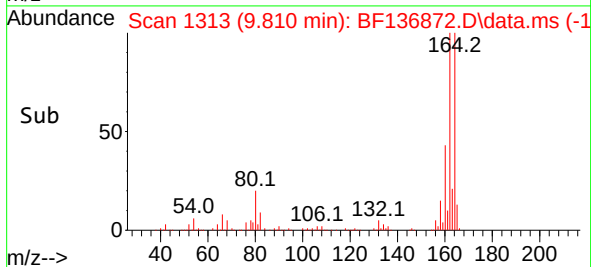
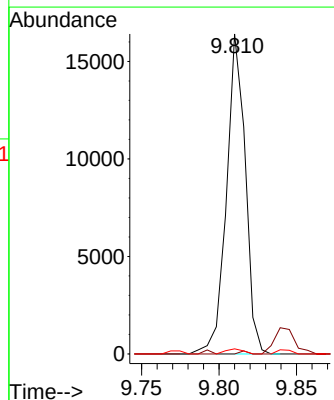
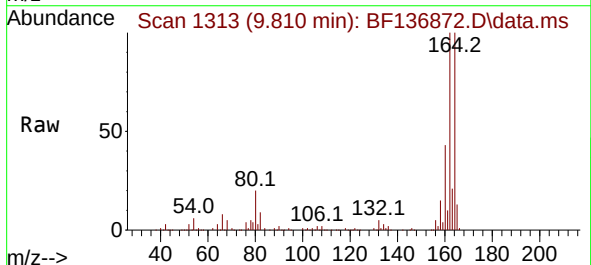
Instrument :
BNA_F
ClientSampleId :

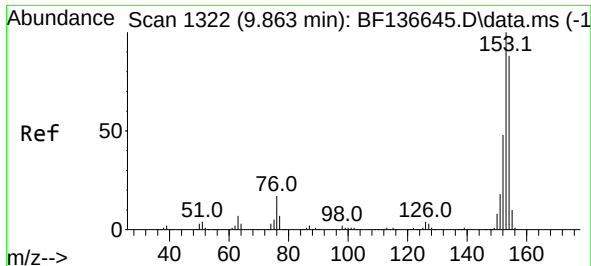
Tgt Ion:163 Resp: 20620
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 481.1 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.980 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.188 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

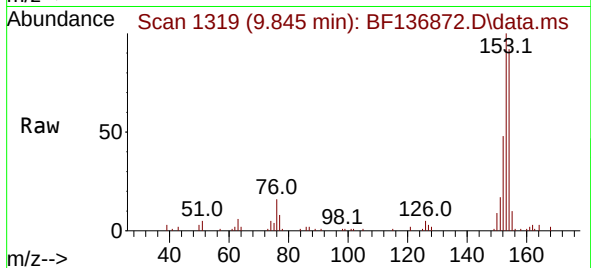
Tgt Ion:165 Resp: 13861
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.6 38.8 58.2#



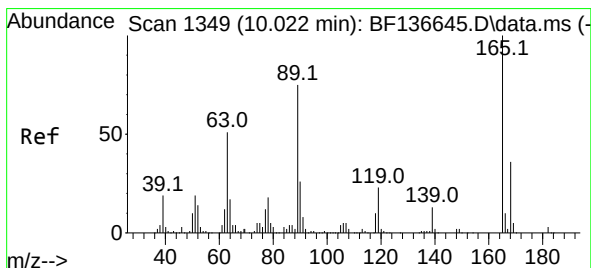
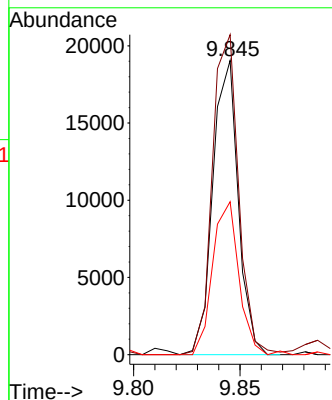
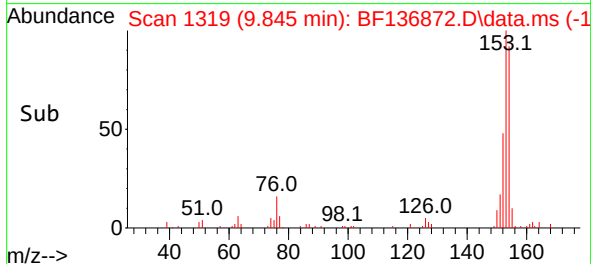


#52
Acenaphthene
Concen: 2.488 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

Instrument :
BNA_F
ClientSampleId :

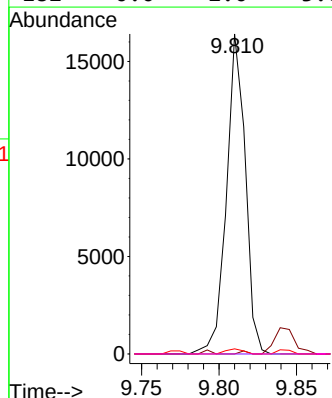
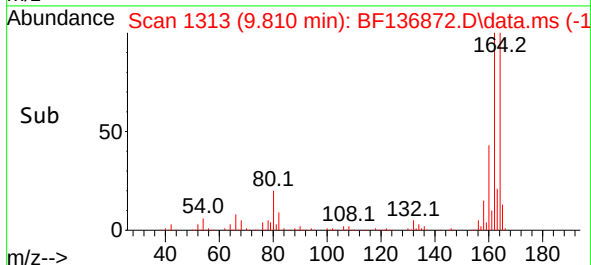
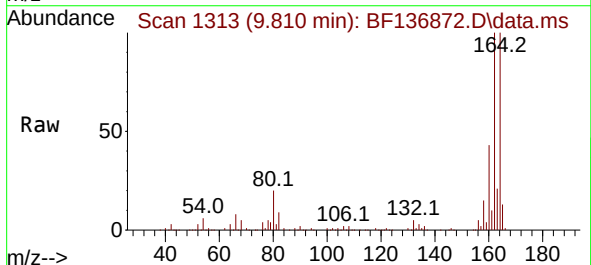


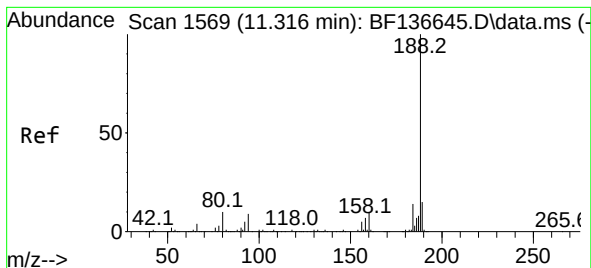
Tgt Ion:154 Resp: 15759
Ion Ratio Lower Upper
154 100
153 108.8 90.7 136.1
152 52.0 43.7 65.5



#57
2,4-Dinitrotoluene
Concen: 6.147 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136872.D
Acq: 02 Jan 2024 15:35

Tgt Ion:165 Resp: 13861
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 1.6 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136872.D

Acq: 02 Jan 2024 15:35

Instrument :

BNA_F

ClientSampleId :

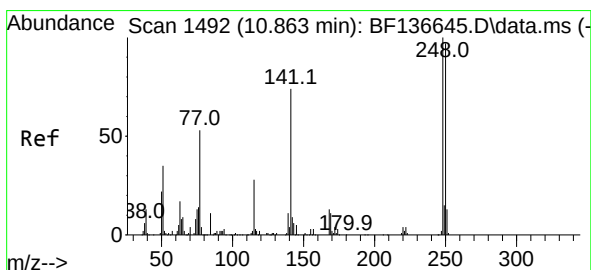
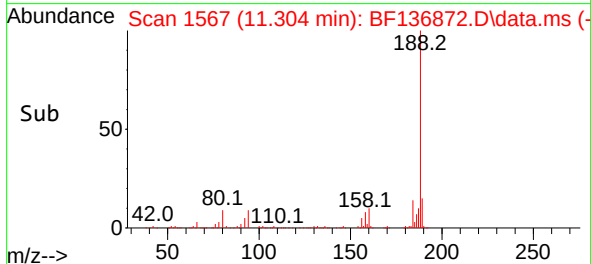
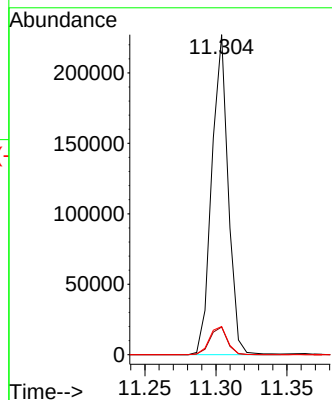
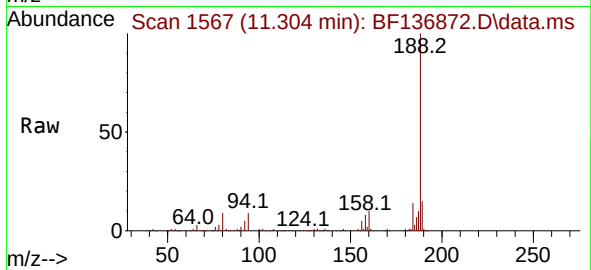
Tgt Ion:188 Resp: 183120

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

80 8.8 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.161 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.259 min

Lab File: BF136872.D

Acq: 02 Jan 2024 15:35

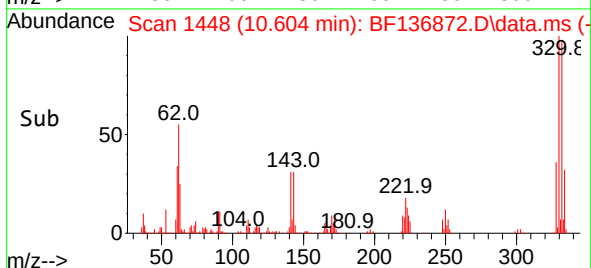
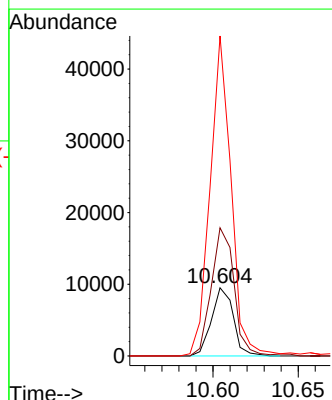
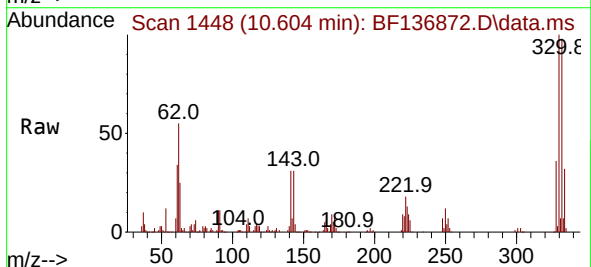
Tgt Ion:248 Resp: 8463

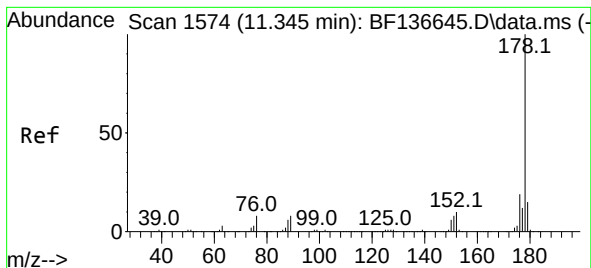
Ion Ratio Lower Upper

248 100

250 188.1 77.8 116.6#

141 469.5 59.2 88.8#





#71

Phenanthrene

Concen: 2.639 ng

RT: 11.328 min Scan# 1571

Delta R.T. -0.017 min

Lab File: BF136872.D

Acq: 02 Jan 2024 15:35

Instrument :

BNA_F

ClientSampleId :

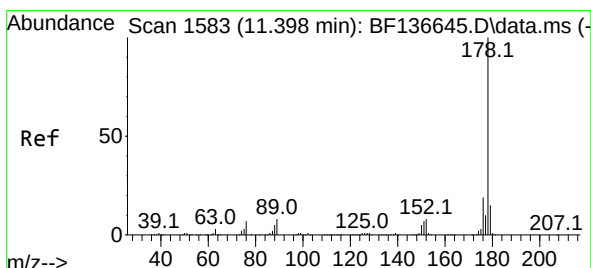
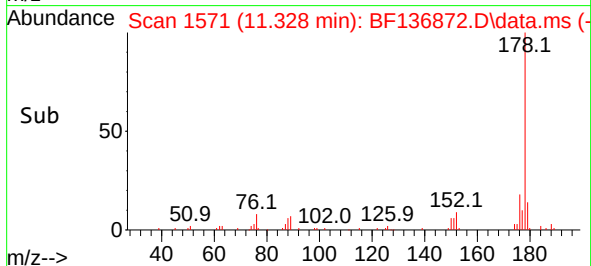
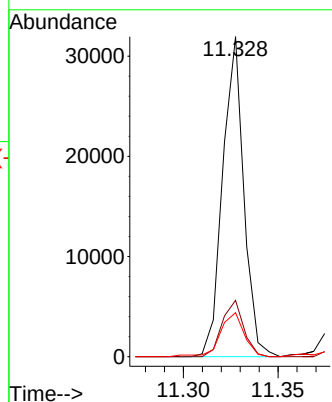
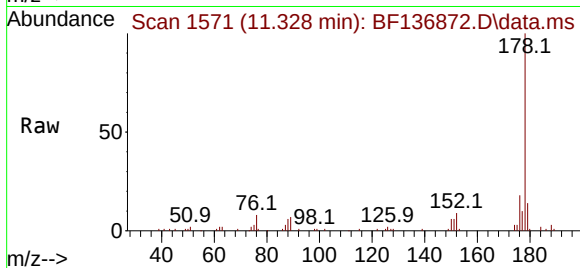
Tgt Ion:178 Resp: 24792

Ion Ratio Lower Upper

178 100

176 17.6 15.3 22.9

179 13.8 11.9 17.9



#72

Anthracene

Concen: 2.605 ng

RT: 11.328 min Scan# 1571

Delta R.T. -0.070 min

Lab File: BF136872.D

Acq: 02 Jan 2024 15:35

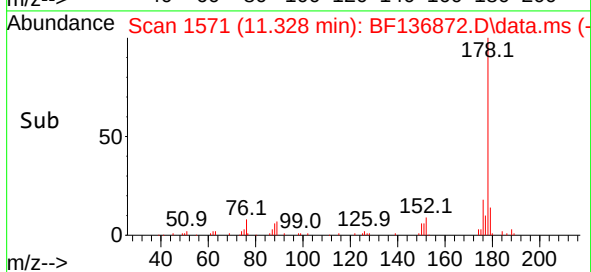
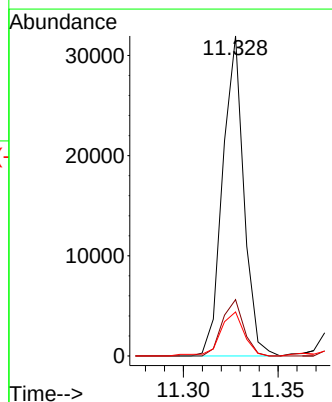
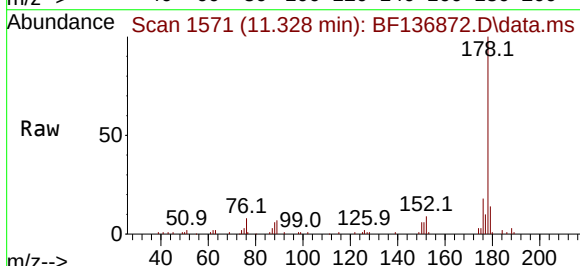
Tgt Ion:178 Resp: 24792

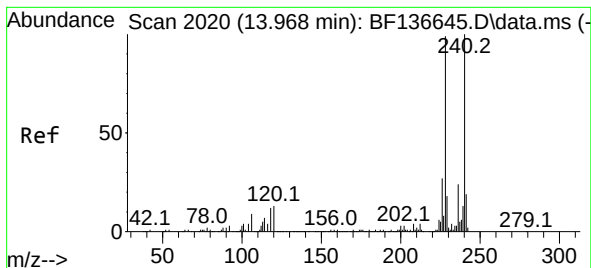
Ion Ratio Lower Upper

178 100

176 17.6 14.9 22.3

179 13.8 11.8 17.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136872.D

Acq: 02 Jan 2024 15:35

Instrument :

BNA_F

ClientSampleId :

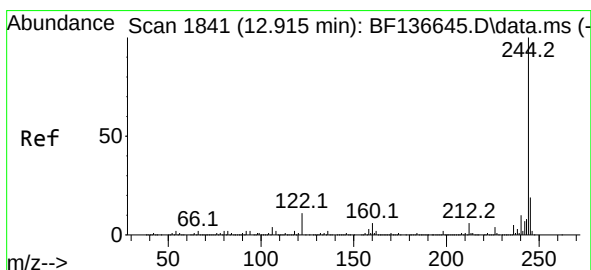
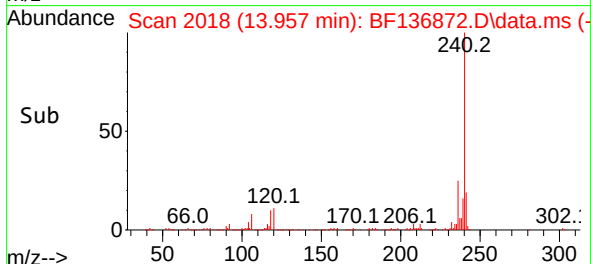
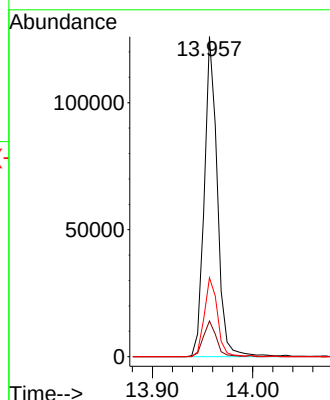
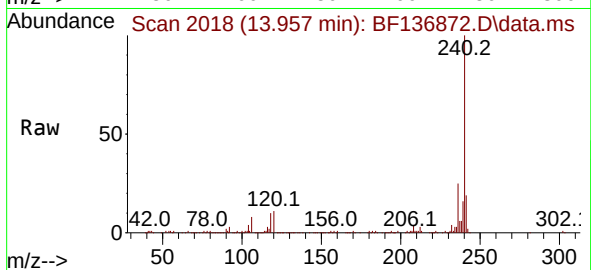
Tgt Ion:240 Resp: 114019

Ion Ratio Lower Upper

240 100

120 11.1 10.3 15.5

236 24.7 19.4 29.2



#79

Terphenyl-d14

Concen: 71.861 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.017 min

Lab File: BF136872.D

Acq: 02 Jan 2024 15:35

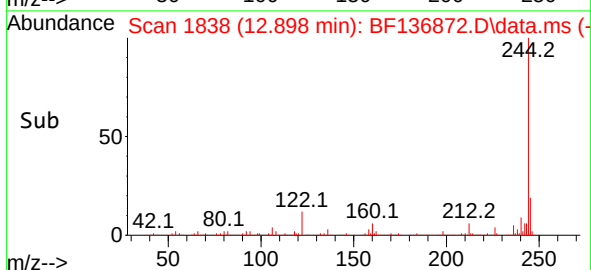
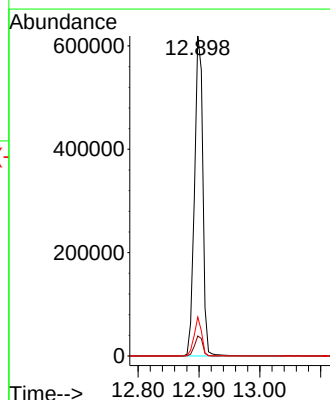
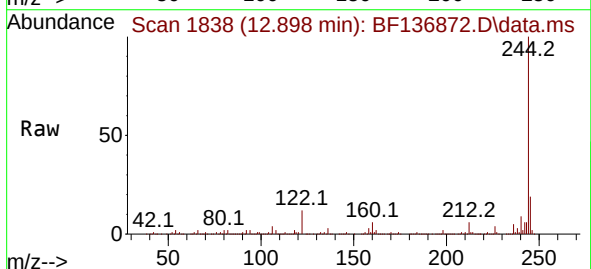
Tgt Ion:244 Resp: 586312

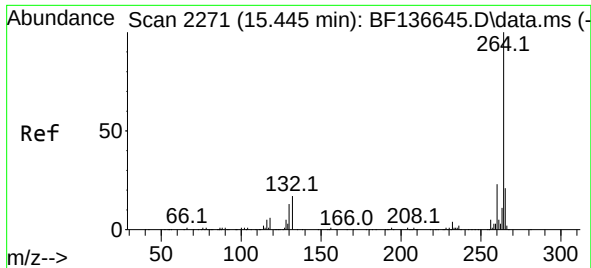
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

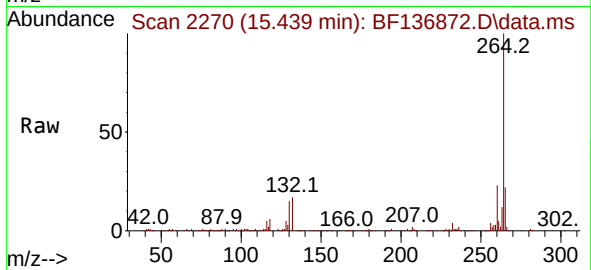
122 12.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136872.D
 Acq: 02 Jan 2024 15:35

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 133826
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 21.6 17.0 25.6

