

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136937.D
 Acq On : 04 Jan 2024 13:03
 Operator : CG\JU
 Sample : PB158204BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158204BL

Quant Time: Jan 04 13:23:18 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)

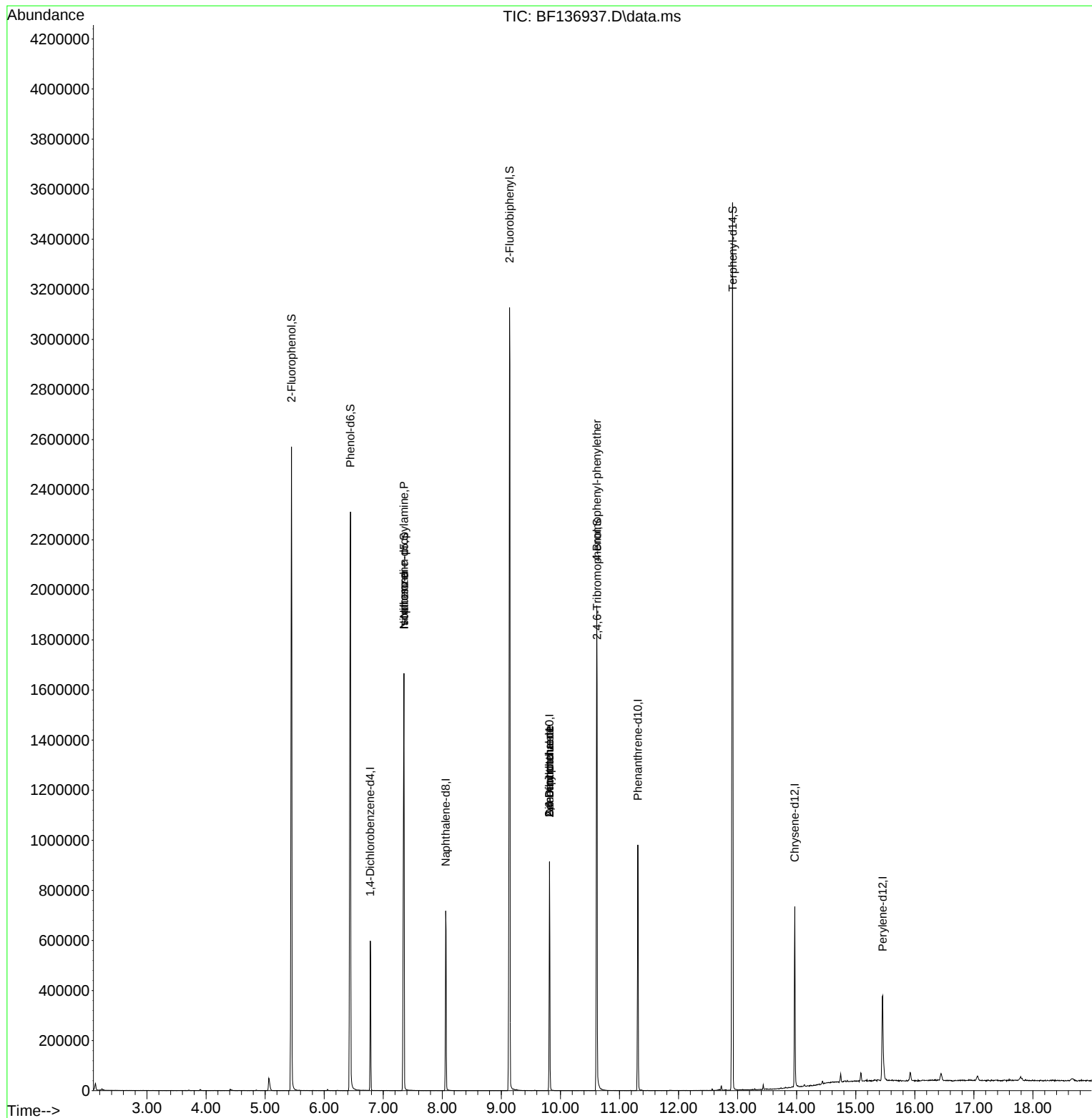
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	87001	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	344505	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	180117	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	360607	20.000	ng	0.00
76) Chrysene-d12	13.968	240	237174	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	182203	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	798889	143.274	ng	0.02
7) Phenol-d6	6.445	99	991647	137.250	ng	0.00
23) Nitrobenzene-d5	7.351	82	634849	94.297	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	289848	136.638	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1244166	92.905	ng	-0.01
79) Terphenyl-d14	12.915	244	1491251	87.867	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	81817	18.680	ng	# 74
25) Isophorone	7.351	82	634839	51.822	ng	# 65
50) Dimethylphthalate	9.816	163	34755	2.642	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	22443	7.517	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	22443	5.790	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	16973	4.238	ng	# 1

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

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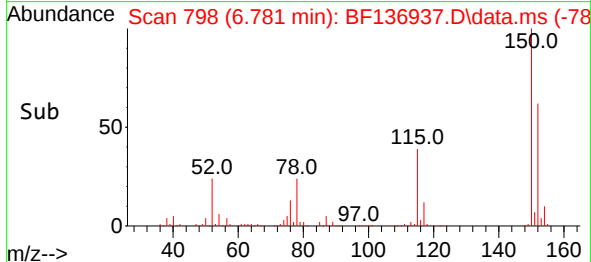
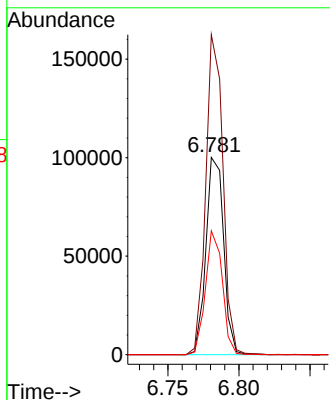
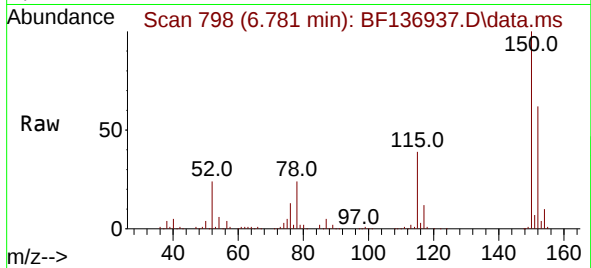




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03

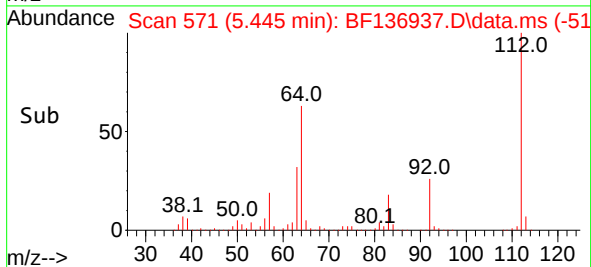
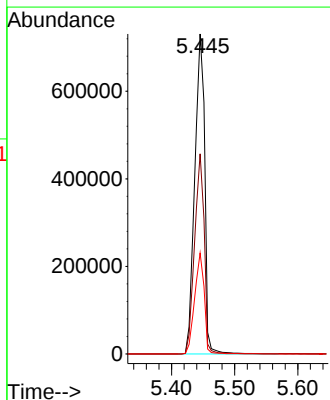
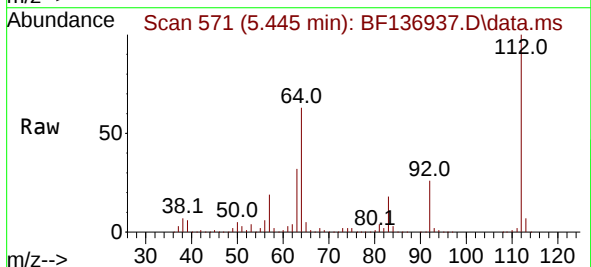
Instrument :
BNA_F
ClientSampleId :
PB158204BL

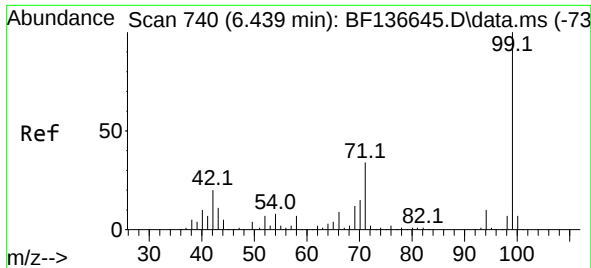
Tgt Ion:152 Resp: 87001
Ion Ratio Lower Upper
152 100
150 162.2 127.0 190.6
115 62.7 49.0 73.4



#5
2-Fluorophenol
Concen: 143.274 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03

Tgt Ion:112 Resp: 798889
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 31.5 26.1 39.1

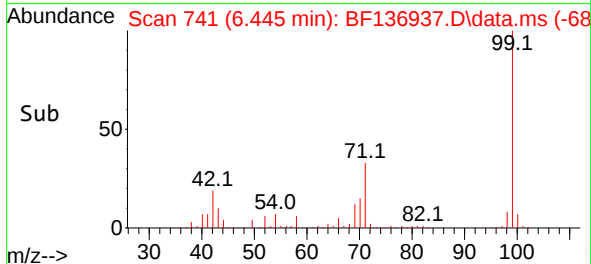
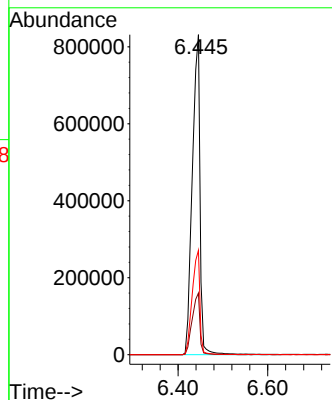
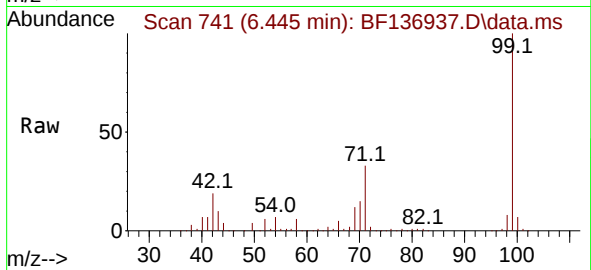




#7
Phenol-d6
Concen: 137.250 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03

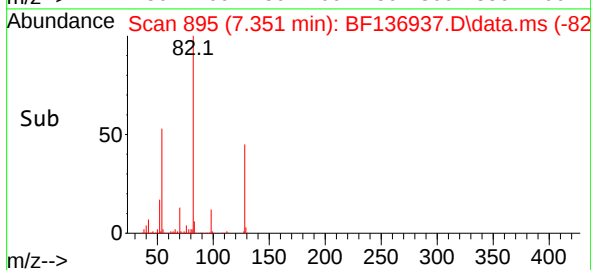
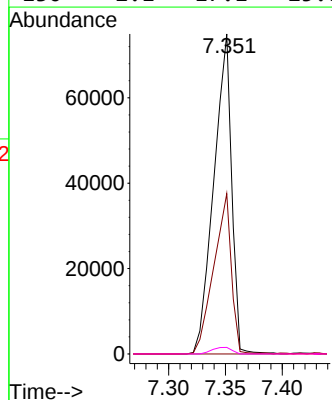
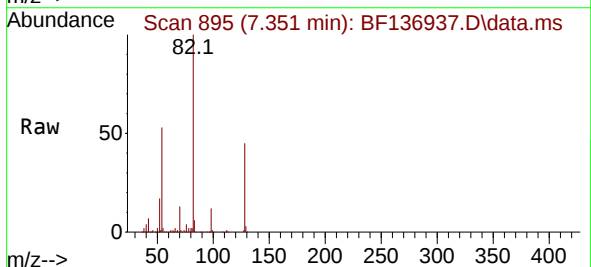
Instrument :
BNA_F
ClientSampleId :
PB158204BL

Tgt Ion: 99 Resp: 991647
Ion Ratio Lower Upper
99 100
42 19.2 16.1 24.1
71 32.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.680 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03

Tgt Ion: 70 Resp: 81817
Ion Ratio Lower Upper
70 100
42 50.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 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: BF136937.D
Acq: 04 Jan 2024 13:03

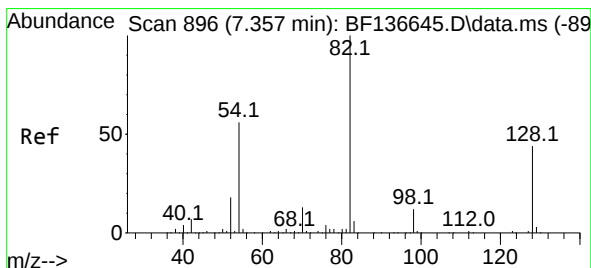
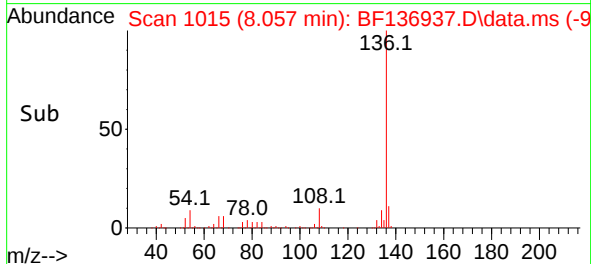
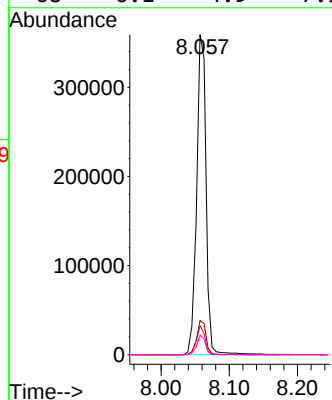
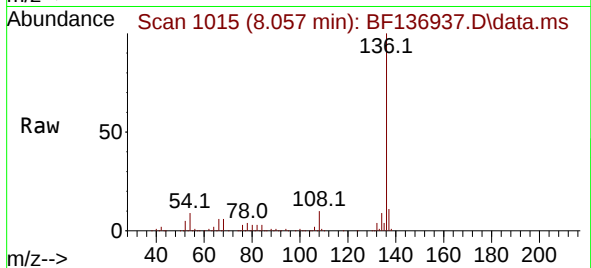
Instrument :

BNA_F

ClientSampleId :

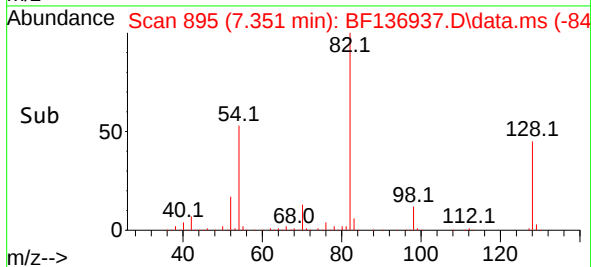
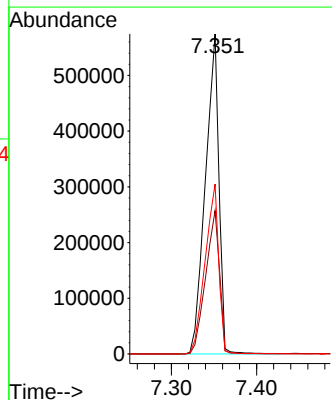
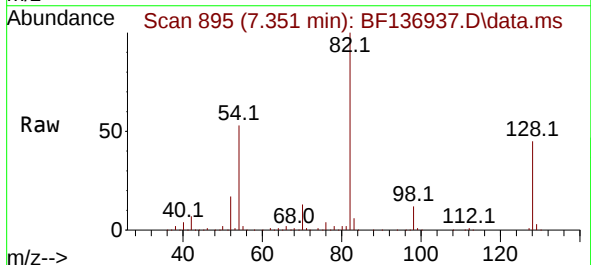
PB158204BL

Tgt Ion:136 Resp: 344505
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 9.0 7.2 10.8
68 6.1 4.9 7.3



#23
Nitrobenzene-d5
Concen: 94.297 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03

Tgt Ion: 82 Resp: 634849
Ion Ratio Lower Upper
82 100
128 44.8 35.3 52.9
54 53.1 44.5 66.7

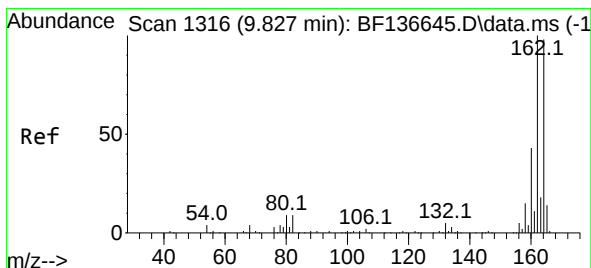
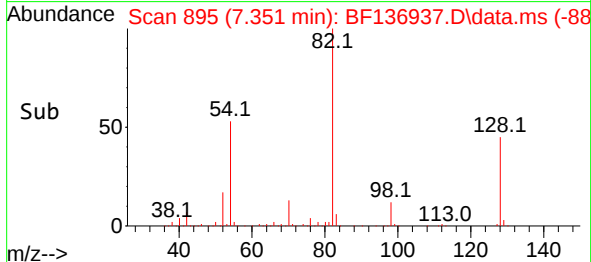
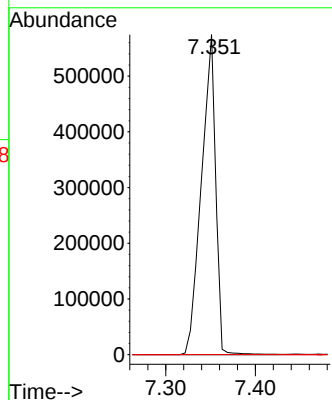
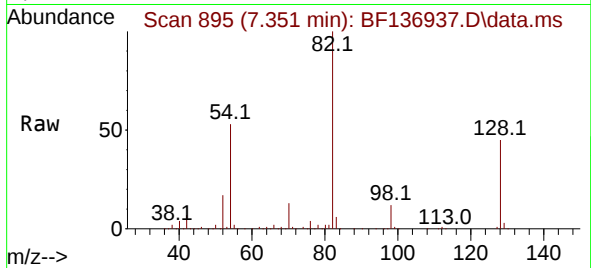




#25
Isophorone
Concen: 51.822 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03

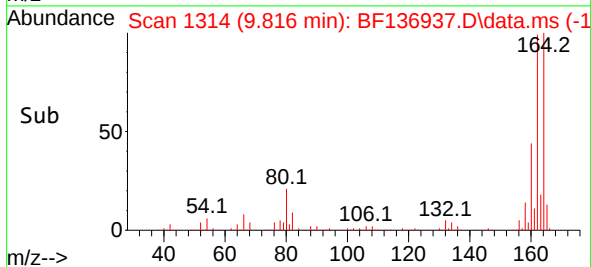
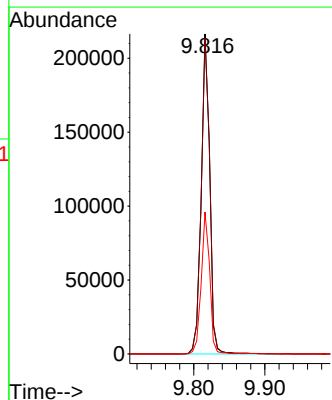
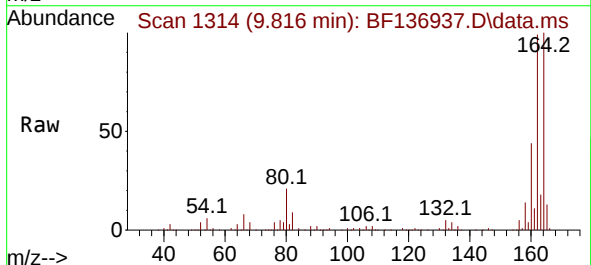
Instrument :
BNA_F
ClientSampleId :
PB158204BL

Tgt Ion: 82 Resp: 634839
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03

Tgt Ion:164 Resp: 180117
Ion Ratio Lower Upper
164 100
162 98.7 81.6 122.4
160 44.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 136.638 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF136937.D

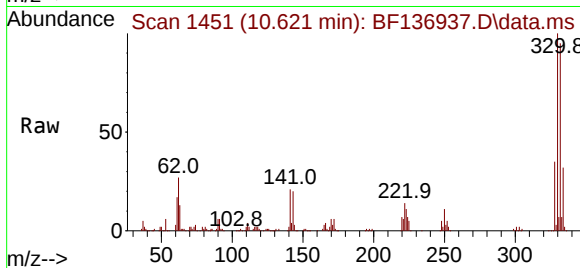
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Instrument :

BNA_F

ClientSampleId :

PB158204BL



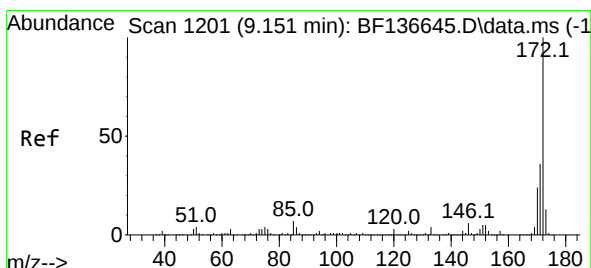
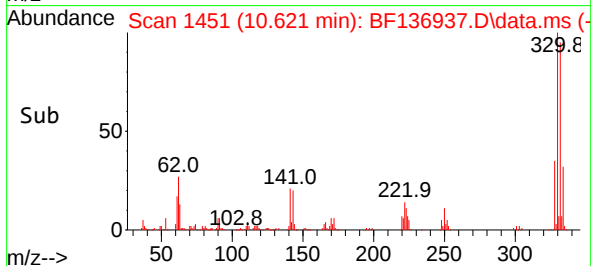
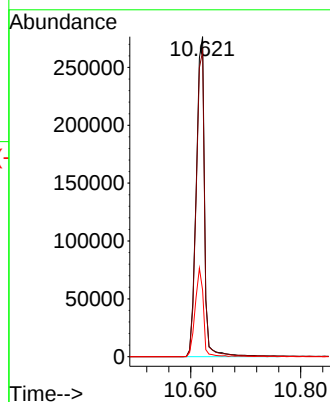
Tgt Ion:330 Resp: 289848

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 27.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 92.905 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136937.D

Acq: 04 Jan 2024 13:03

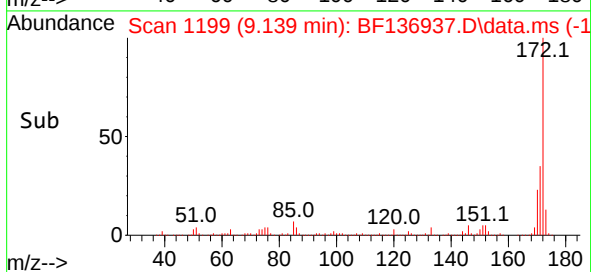
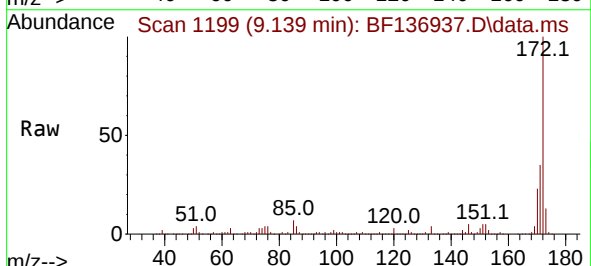
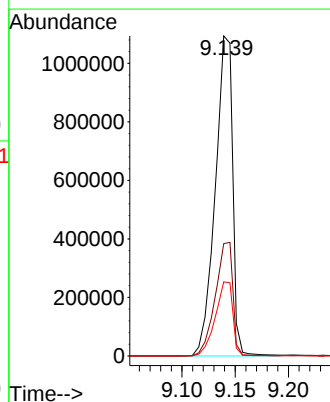
Tgt Ion:172 Resp: 1244166

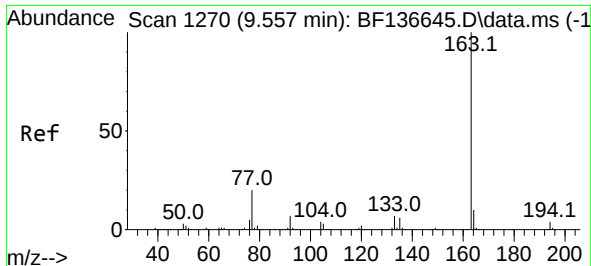
Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.6

170 23.1 19.0 28.4

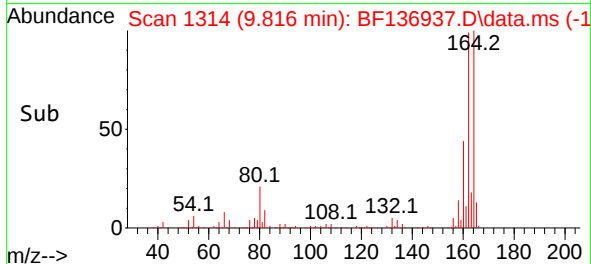
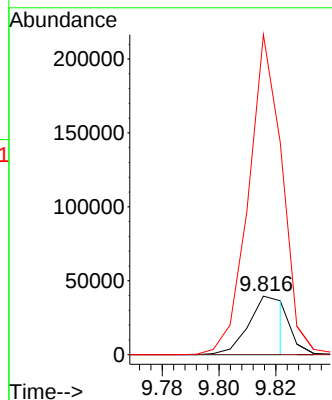
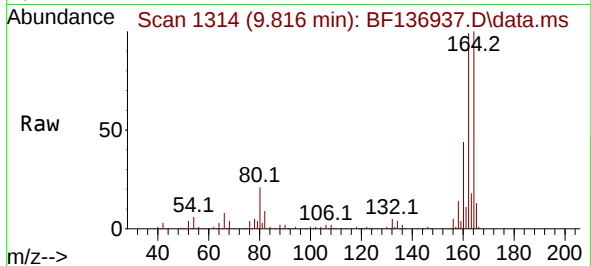




#50
Dimethylphthalate
Concen: 2.642 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03

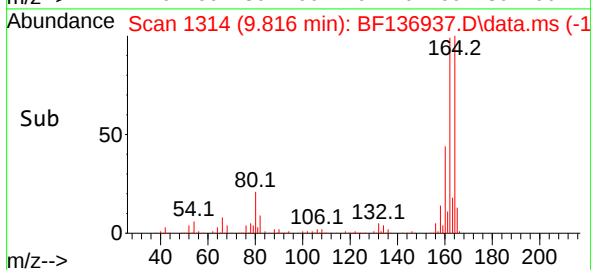
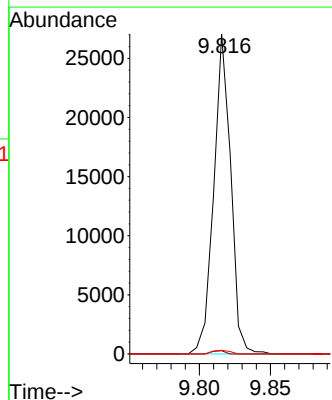
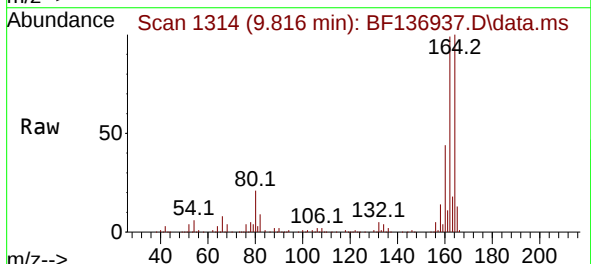
Instrument :
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PB158204BL

Tgt Ion:163 Resp: 34755
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 545.8 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.517 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03

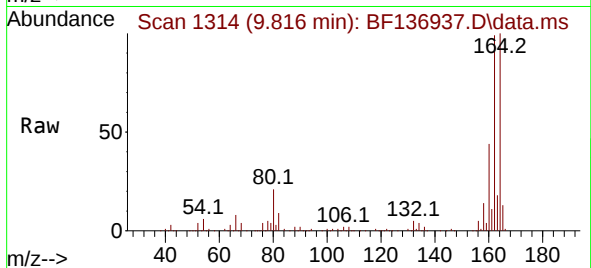
Tgt Ion:165 Resp: 22443
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.1 38.8 58.2#



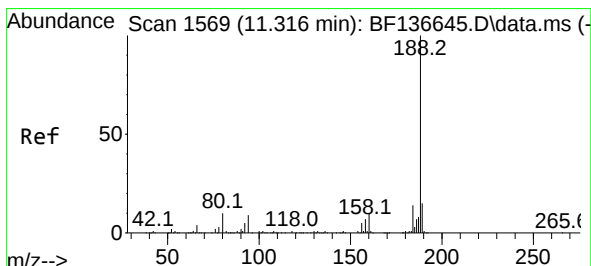
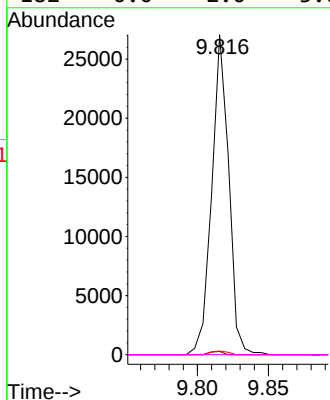
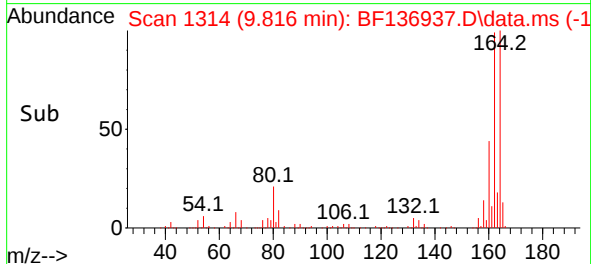


#57
2,4-Dinitrotoluene
Concen: 5.790 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03

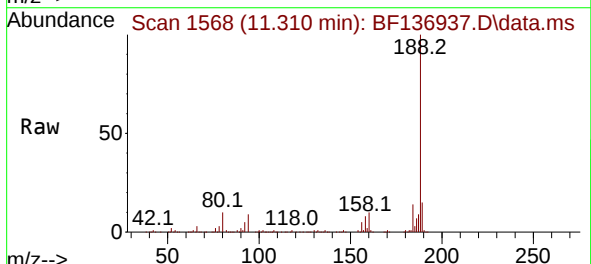
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BNA_F
ClientSampleId :
PB158204BL



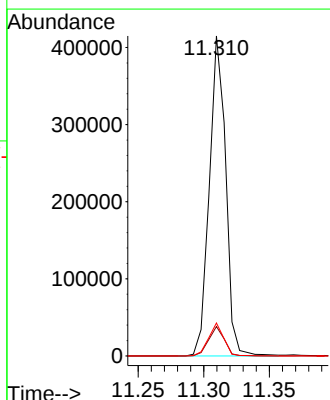
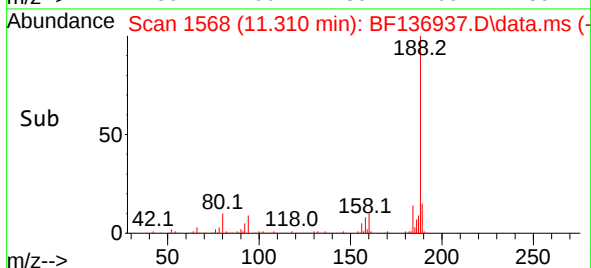
Tgt Ion:165 Resp: 22443
Ion Ratio Lower Upper
165 100
63 1.0 41.0 61.6#
89 1.1 59.9 89.9#
182 0.0 2.0 3.0#

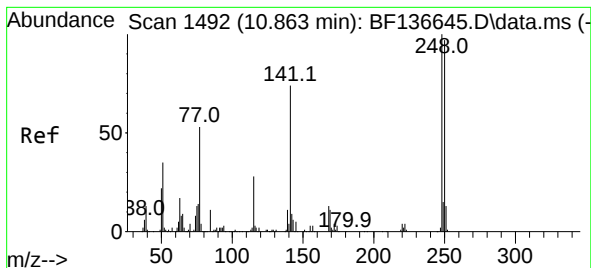


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03



Tgt Ion:188 Resp: 360607
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.3 8.1 12.1

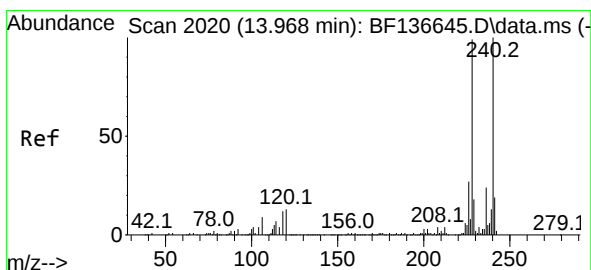
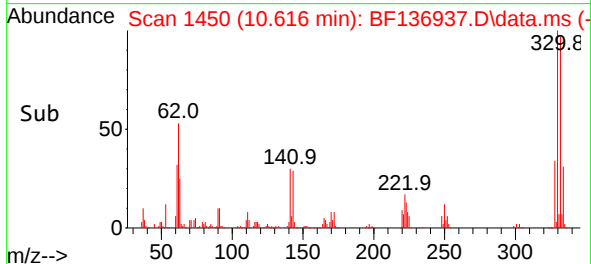
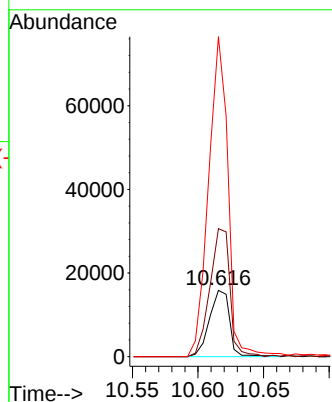
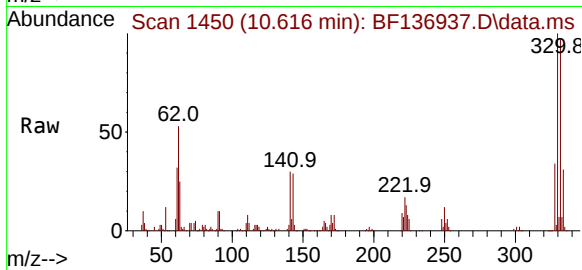




#67
4-Bromophenyl-phenylether
Concen: 4.238 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03

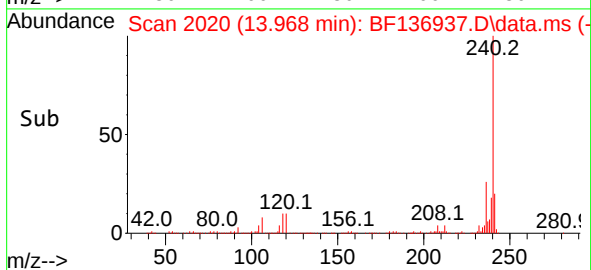
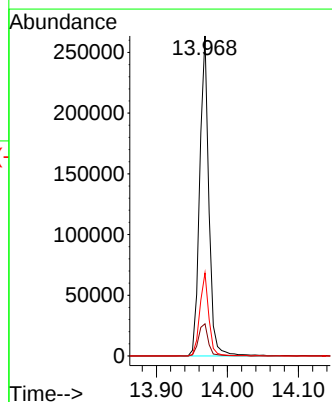
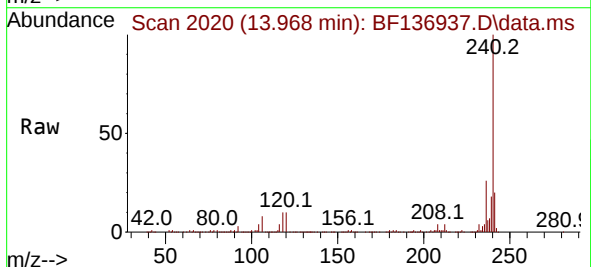
Instrument :
BNA_F
ClientSampleId :
PB158204BL

Tgt Ion:248 Resp: 16973
Ion Ratio Lower Upper
248 100
250 193.2 77.8 116.6#
141 482.9 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136937.D
Acq: 04 Jan 2024 13:03

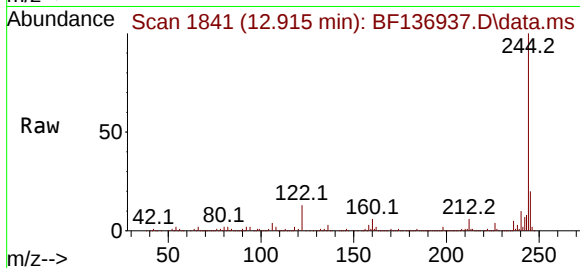
Tgt Ion:240 Resp: 237174
Ion Ratio Lower Upper
240 100
120 10.1 10.3 15.5#
236 25.9 19.4 29.2



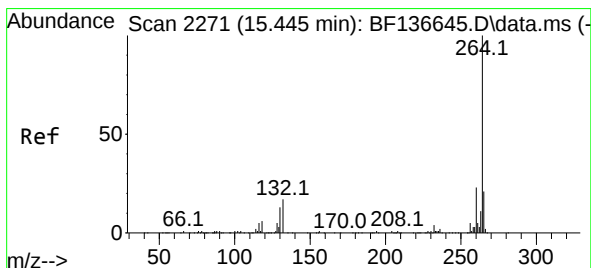
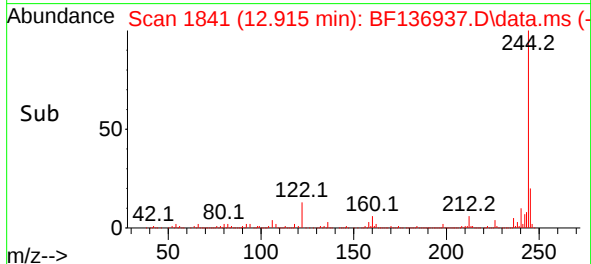
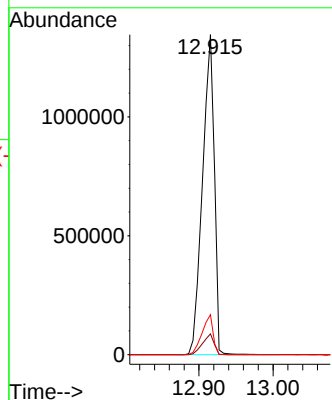


#79
 Terphenyl-d14
 Concen: 87.867 ng
 RT: 12.915 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136937.D
 Acq: 04 Jan 2024 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB158204BL



Tgt Ion:244 Resp: 1491251
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 12.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. 0.012 min
 Lab File: BF136937.D
 Acq: 04 Jan 2024 13:03

Tgt Ion:264 Resp: 182203
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.3 27.5
 265 20.9 17.0 25.6

