

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136968.D
 Acq On : 05 Jan 2024 10:47
 Operator : CG\JU
 Sample : PB158239BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158239BL

Quant Time: Jan 05 11:14:39 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)

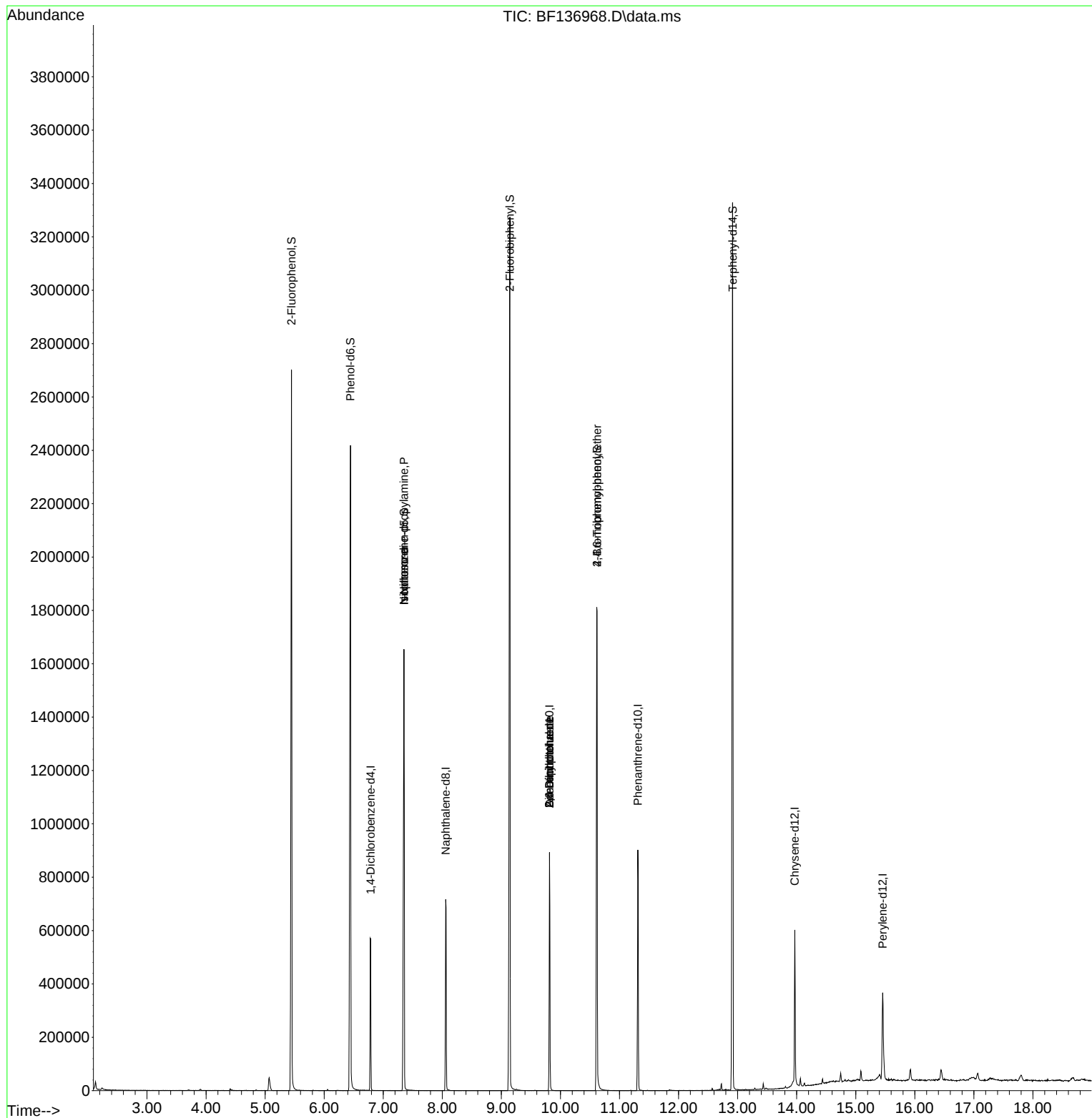
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	90174	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	353423	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	179829	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	354699	20.000	ng	0.00
76) Chrysene-d12	13.968	240	190236	20.000	ng	0.00
86) Perylene-d12	15.456	264	172025	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	812941	140.664	ng	0.02
7) Phenol-d6	6.445	99	1007222	134.500	ng	0.00
23) Nitrobenzene-d5	7.351	82	645763	93.498	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	283120	133.680	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1262945	94.459	ng	0.00
79) Terphenyl-d14	12.915	244	1361348	100.004	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	84385	18.589	ng	# 73
25) Isophorone	7.351	82	645748	51.383	ng	# 65
50) Dimethylphthalate	9.816	163	34215	2.605	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	23390	7.846	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	23390	6.044	ng	# 21
67) 4-Bromophenyl-phenylether	10.622	248	16630	4.222	ng	# 1

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

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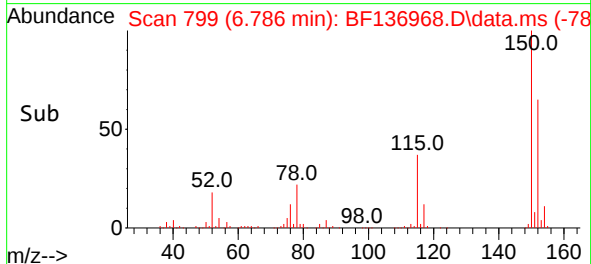
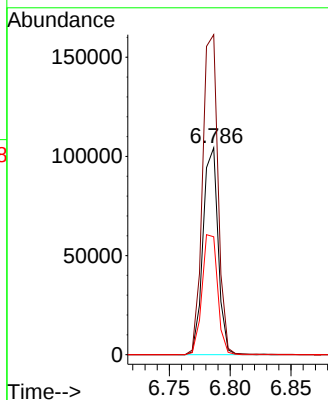
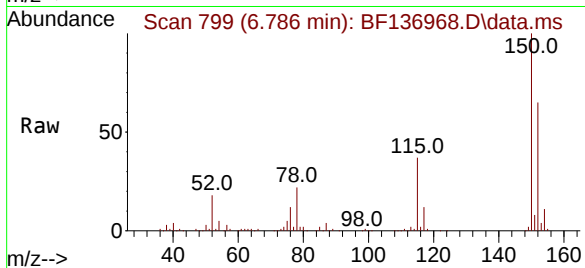




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

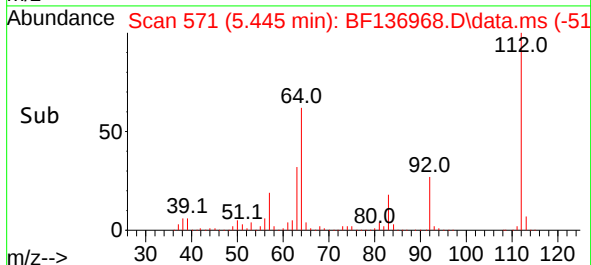
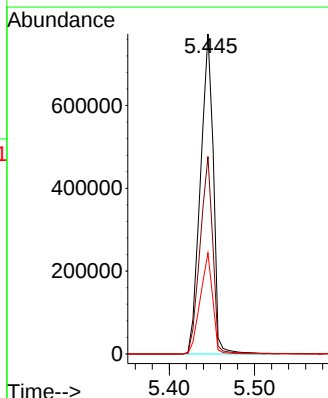
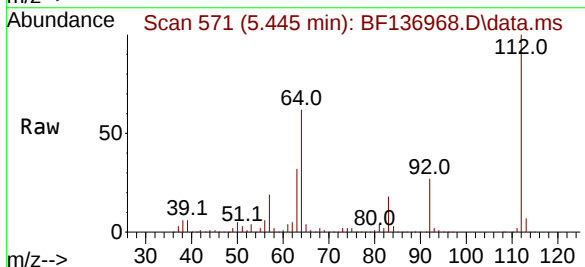
Instrument :
BNA_F
ClientSampleId :
PB158239BL

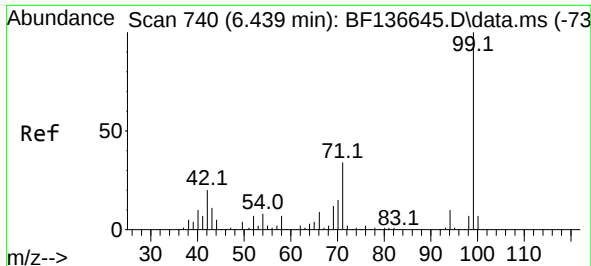
Tgt Ion:152 Resp: 90174
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 57.0 49.0 73.4



#5
2-Fluorophenol
Concen: 140.664 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

Tgt Ion:112 Resp: 812941
Ion Ratio Lower Upper
112 100
64 61.7 51.1 76.7
63 31.5 26.1 39.1

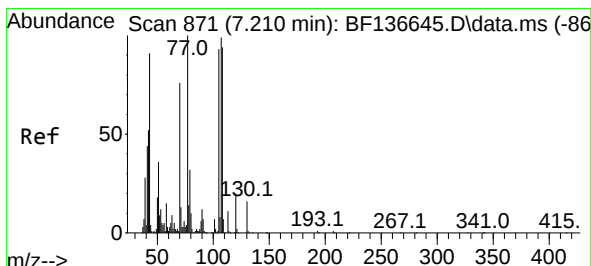
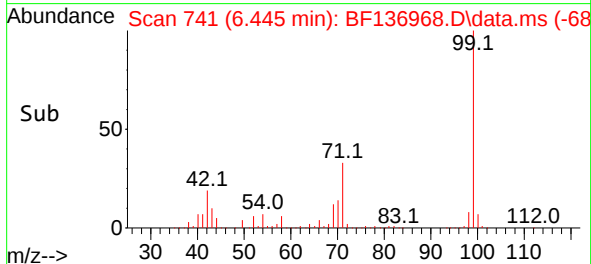
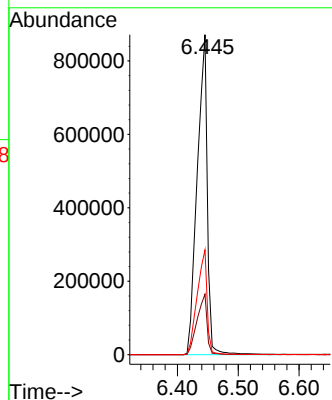
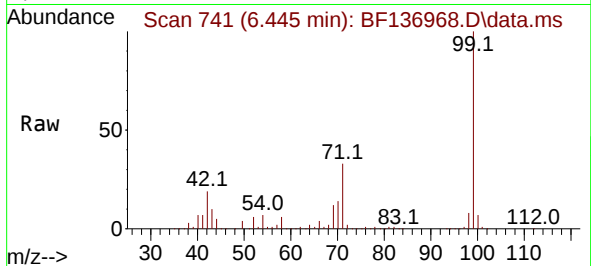




#7
Phenol-d6
Concen: 134.500 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

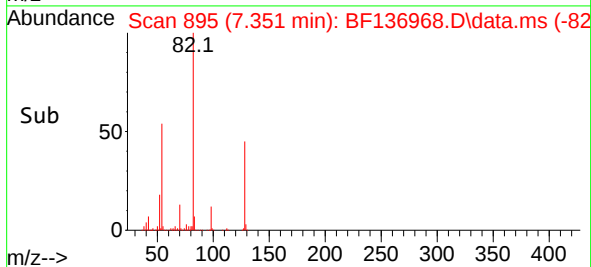
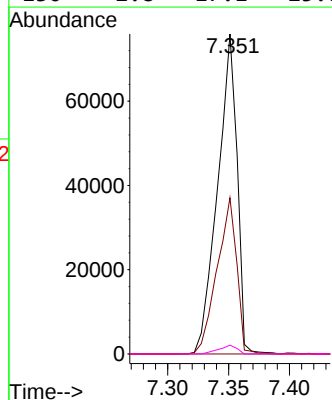
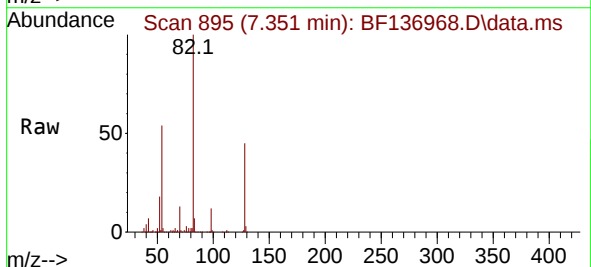
Instrument :
BNA_F
ClientSampleId :
PB158239BL

Tgt Ion: 99 Resp: 1007222
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 32.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.589 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

Tgt Ion: 70 Resp: 84385
Ion Ratio Lower Upper
70 100
42 48.8 54.2 81.4#
101 0.0 7.6 11.4#
130 2.8 17.1 25.7#

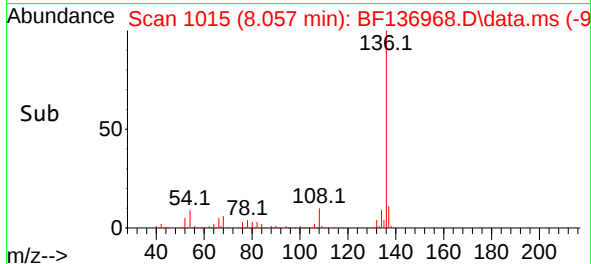
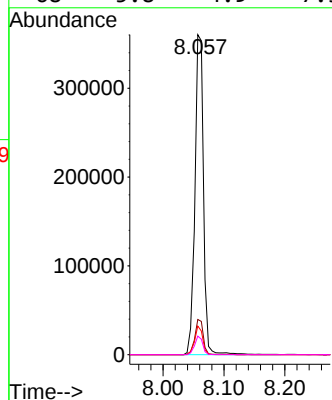
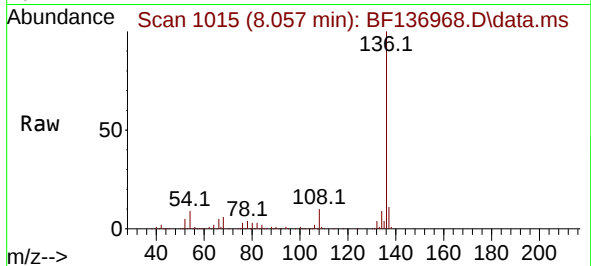




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

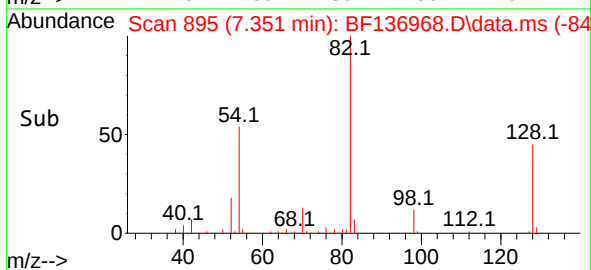
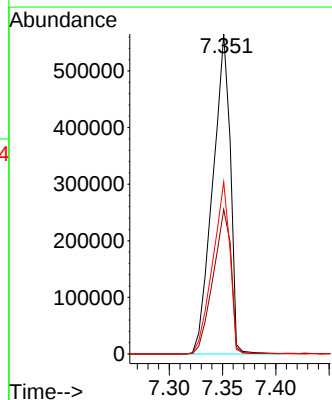
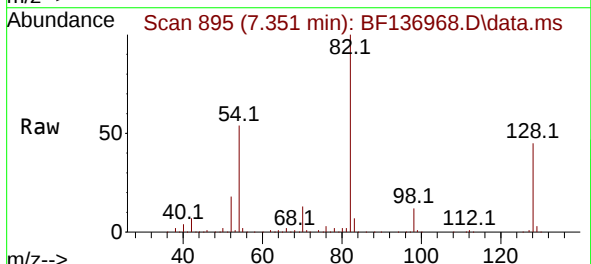
Instrument :
BNA_F
ClientSampleId :
PB158239BL

Tgt Ion:136 Resp: 353423
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.0 7.2 10.8
68 5.8 4.9 7.3



#23
Nitrobenzene-d5
Concen: 93.498 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

Tgt Ion: 82 Resp: 645763
Ion Ratio Lower Upper
82 100
128 45.2 35.3 52.9
54 53.7 44.5 66.7

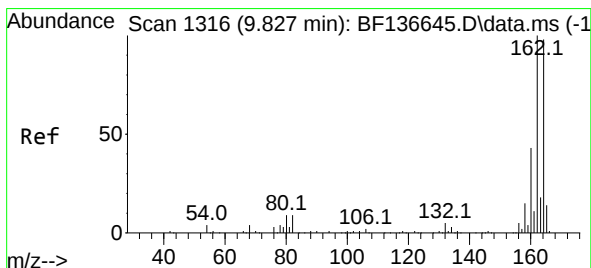
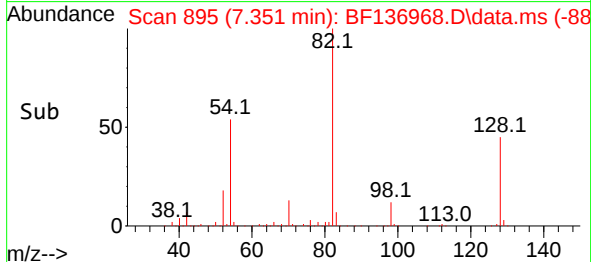
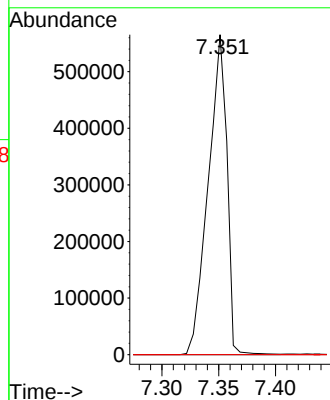
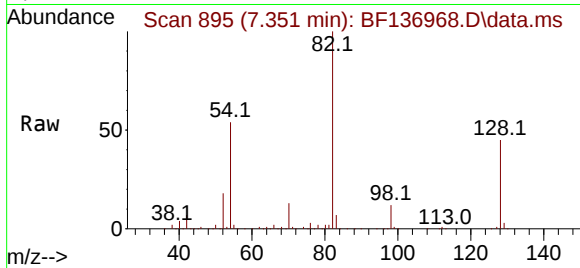




#25
Isophorone
Concen: 51.383 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

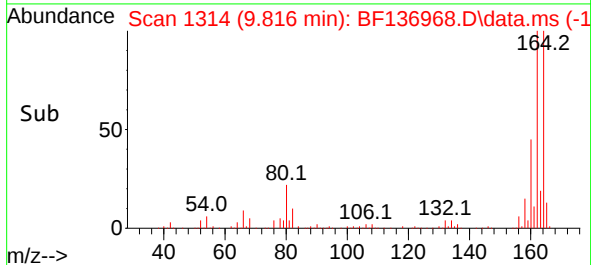
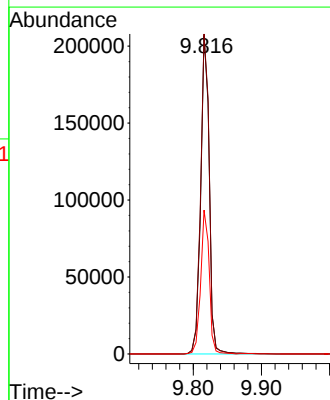
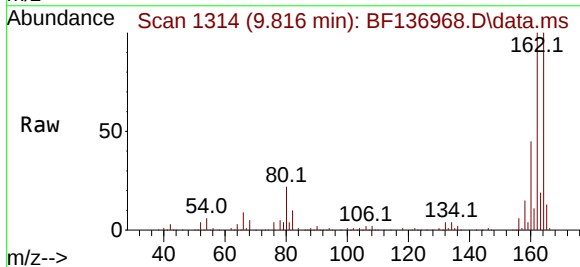
Instrument :
BNA_F
ClientSampleId :
PB158239BL

Tgt Ion: 82 Resp: 645748
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: BF136968.D
Acq: 05 Jan 2024 10:47

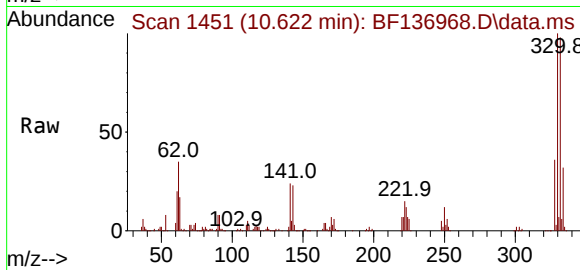
Tgt Ion:164 Resp: 179829
Ion Ratio Lower Upper
164 100
162 100.5 81.6 122.4
160 45.1 34.9 52.3



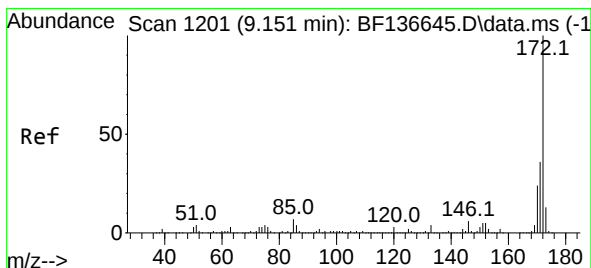
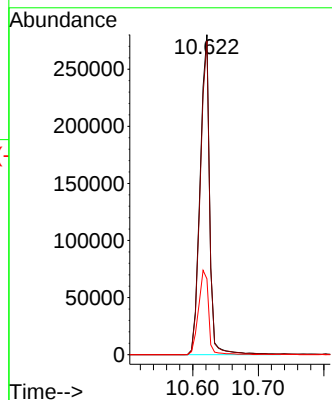
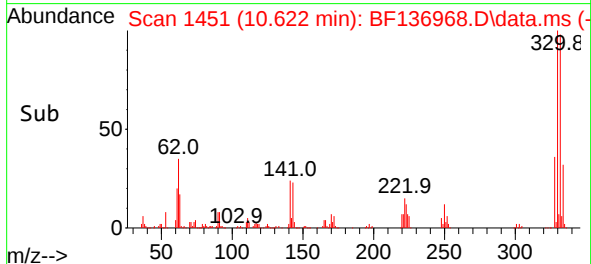


#42
2,4,6-Tribromophenol
Concen: 133.680 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

Instrument :
BNA_F
ClientSampleId :
PB158239BL

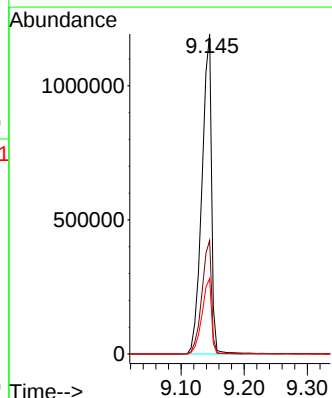
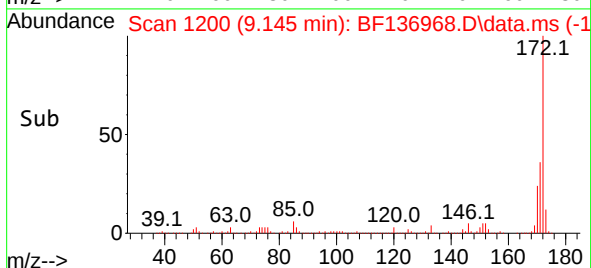
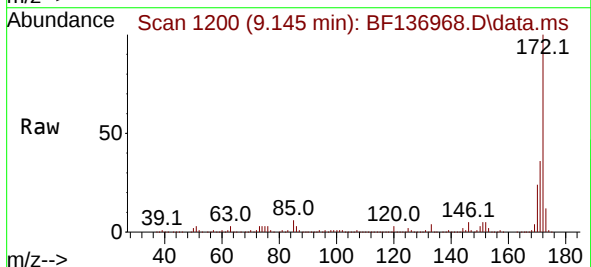


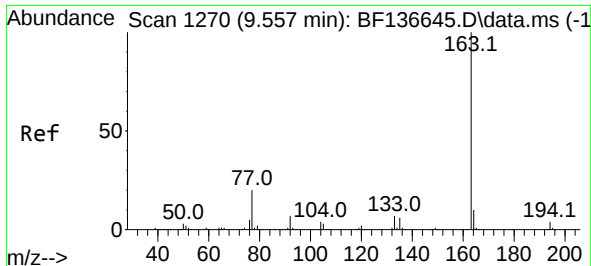
Tgt Ion:330 Resp: 283120
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 28.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 94.459 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

Tgt Ion:172 Resp: 1262945
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.5 19.0 28.4

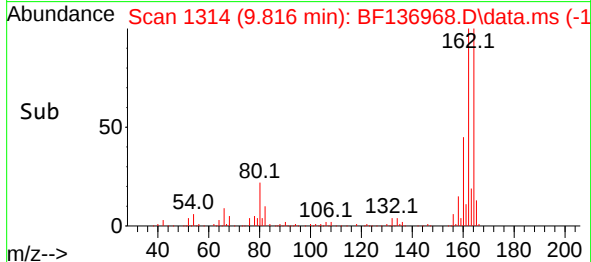
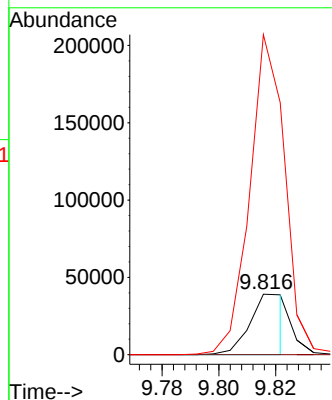
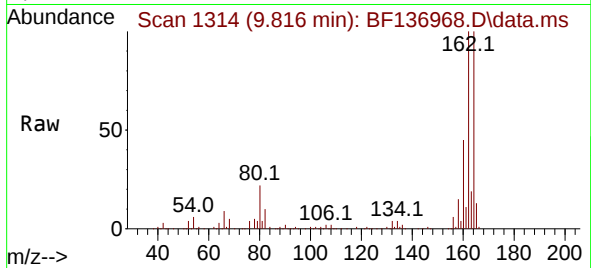




#50
Dimethylphthalate
Concen: 2.605 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

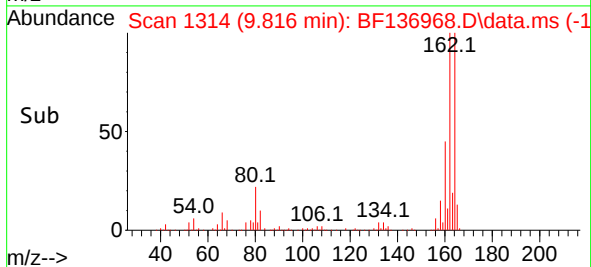
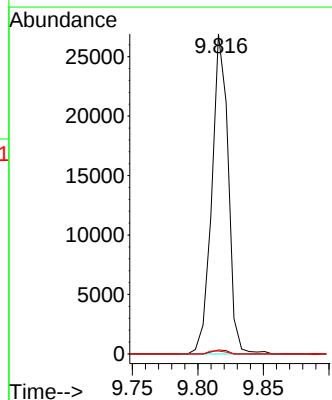
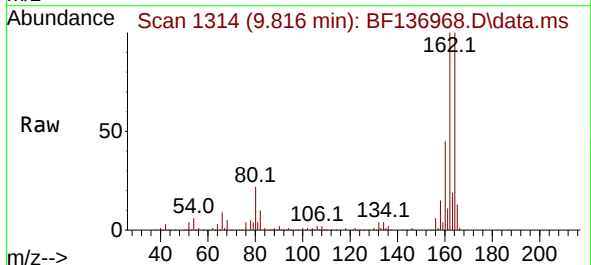
Instrument :
BNA_F
ClientSampleId :
PB158239BL

Tgt Ion:163 Resp: 34215
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 528.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.846 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

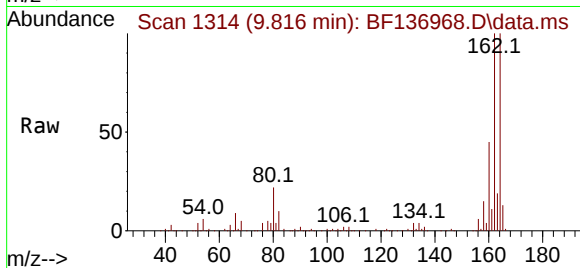
Tgt Ion:165 Resp: 23390
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 0.9 38.8 58.2#



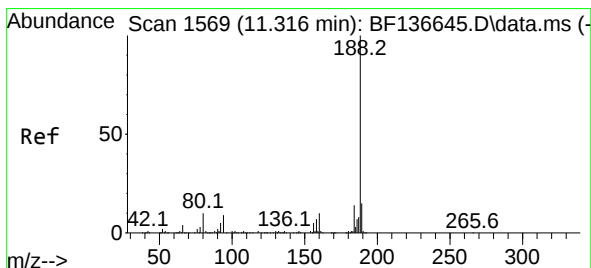
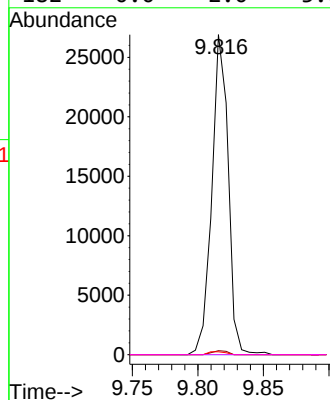
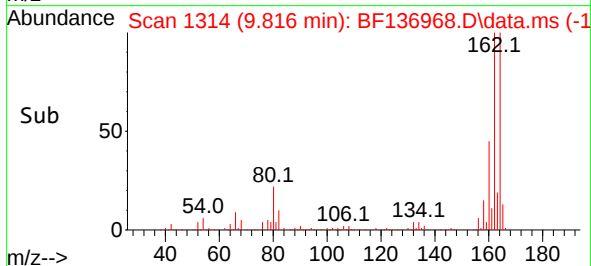


#57
2,4-Dinitrotoluene
Concen: 6.044 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

Instrument :
BNA_F
ClientSampleId :
PB158239BL

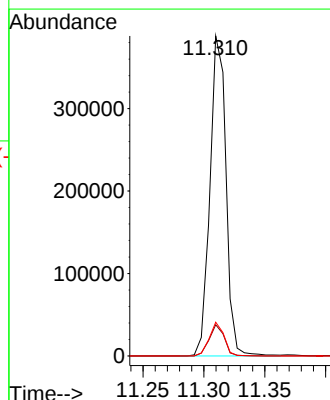
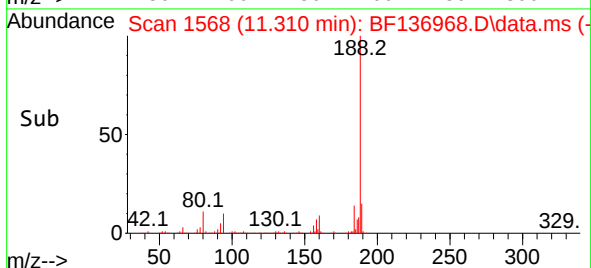
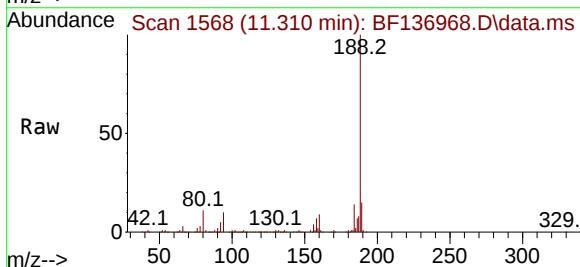


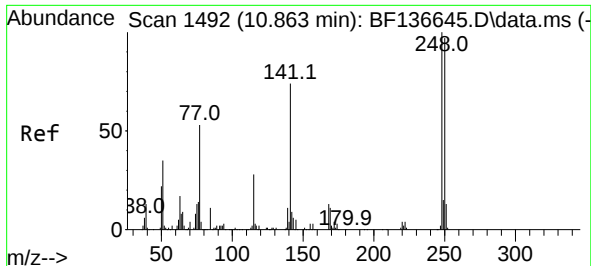
Tgt Ion:165 Resp: 23390
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

Tgt Ion:188 Resp: 354699
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.6 8.1 12.1

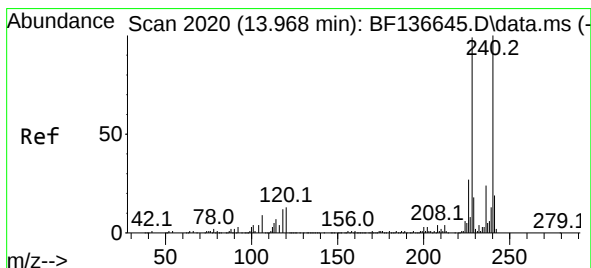
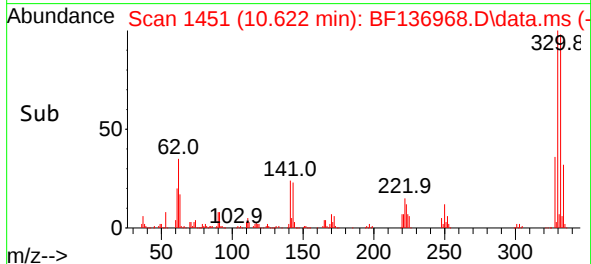
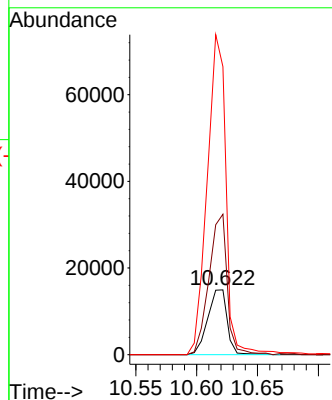
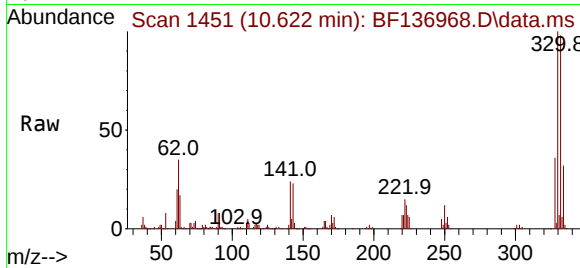




#67
4-Bromophenyl-phenylether
Concen: 4.222 ng
RT: 10.622 min Scan# 1492
Delta R.T. -0.241 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

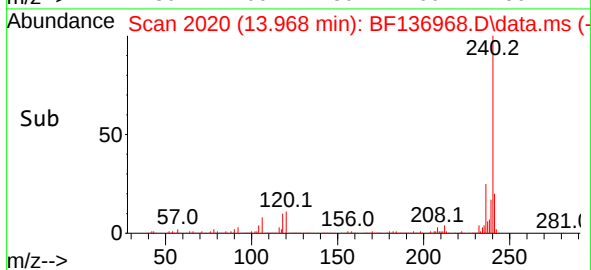
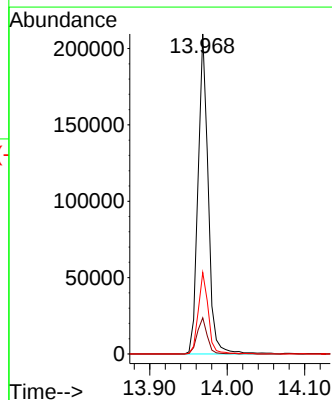
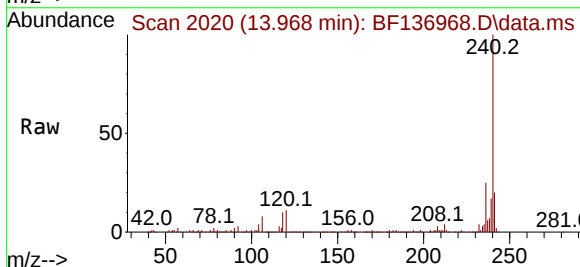
Instrument :
BNA_F
ClientSampleId :
PB158239BL

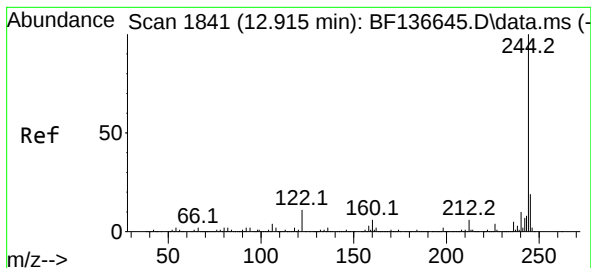
Tgt Ion:248 Resp: 16630
Ion Ratio Lower Upper
248 100
250 216.7 77.8 116.6#
141 444.1 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

Tgt Ion:240 Resp: 190236
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 25.5 19.4 29.2





#79

Terphenyl-d14

Concen: 100.004 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136968.D

Acq: 05 Jan 2024 10:47

Instrument :

BNA_F

ClientSampleId :

PB158239BL

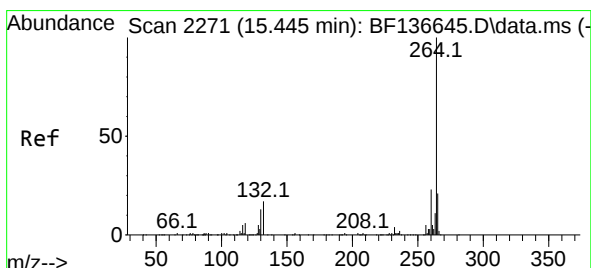
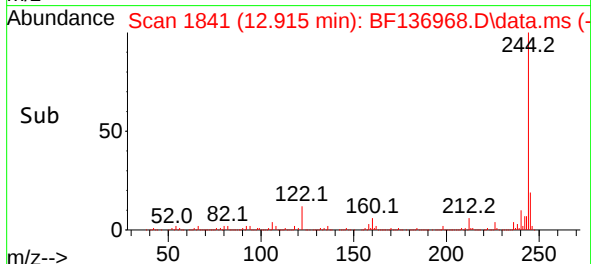
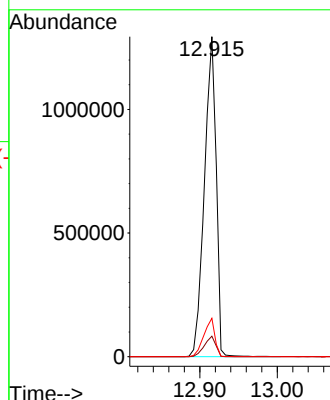
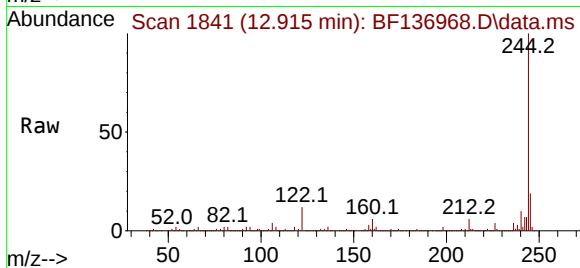
Tgt Ion:244 Resp: 1361348

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 12.0 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: BF136968.D

Acq: 05 Jan 2024 10:47

Tgt Ion:264 Resp: 172025

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 20.9 17.0 25.6

