

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136124.D
 Acq On : 03 Nov 2023 15:08
 Operator : CG\JU
 Sample : 05096-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Nov 04 00:08:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

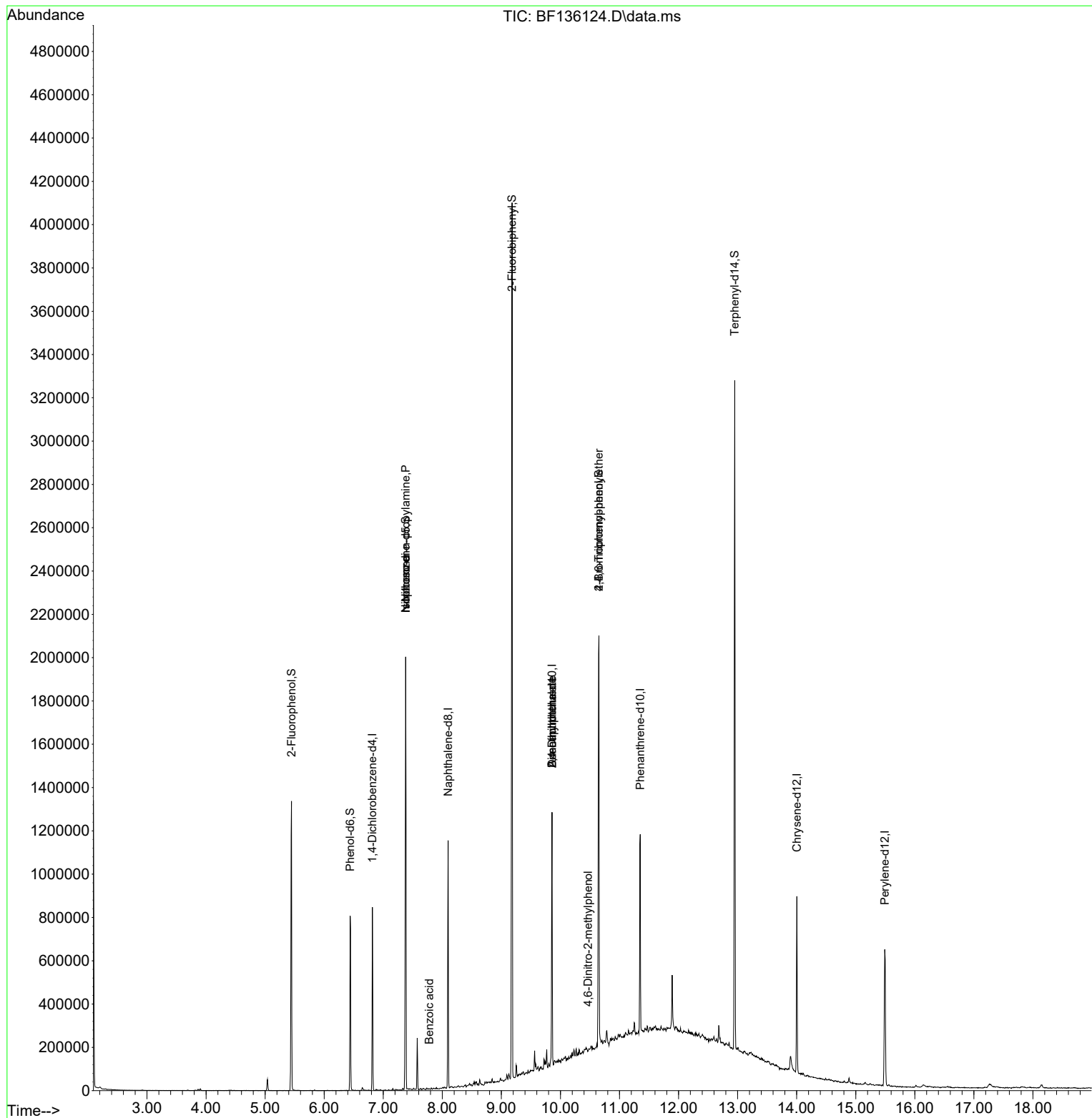
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	112614	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	435639	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	211150	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	341534	20.000	ng	0.00
76) Chrysene-d12	14.004	240	248511	20.000	ng	-0.01
86) Perylene-d12	15.492	264	305915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	359411	50.152	ng	0.00
7) Phenol-d6	6.440	99	268188	30.036	ng	-0.02
23) Nitrobenzene-d5	7.381	82	628186	86.927	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	260125	115.418	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1139303	86.013	ng	0.00
79) Terphenyl-d14	12.951	244	1091939	68.283	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	84192	16.502	ng	# 78
25) Isophorone	7.381	82	627161	45.969	ng	# 64
32) Benzoic acid	7.781	122	55	5.124	ng	# 82
50) Dimethylphthalate	9.857	163	44466	3.193	ng	# 1
57) 2,4-Dinitrotoluene	9.857	165	27653	7.337	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.469	198	57	5.817	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	16303	4.553	ng	# 1

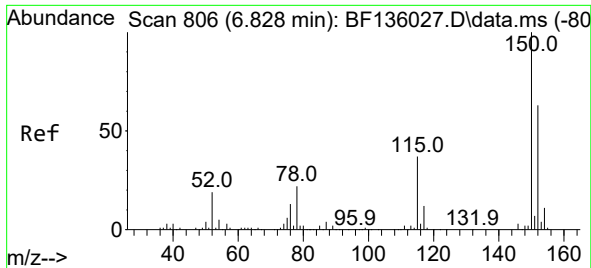
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

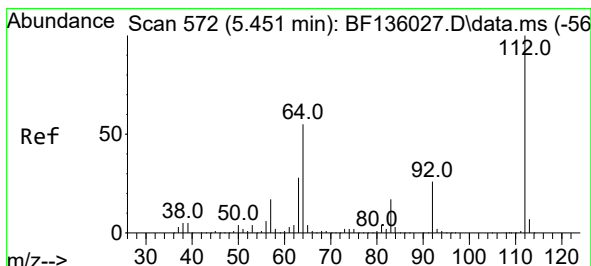
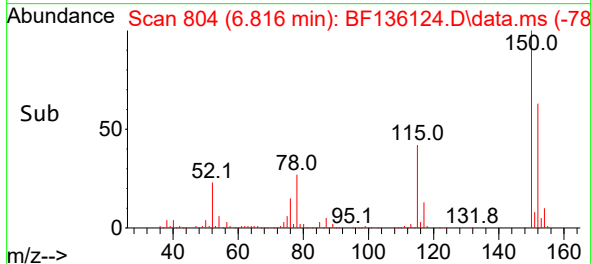
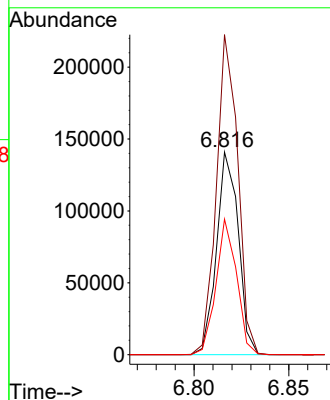
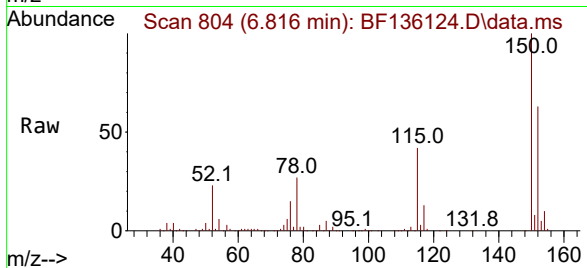




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

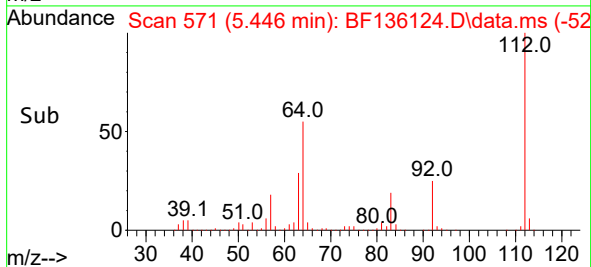
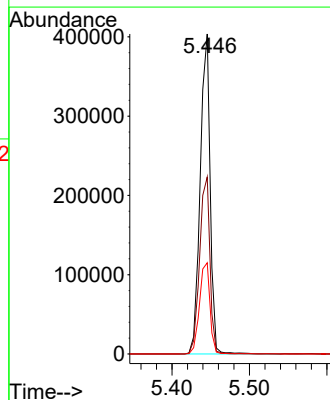
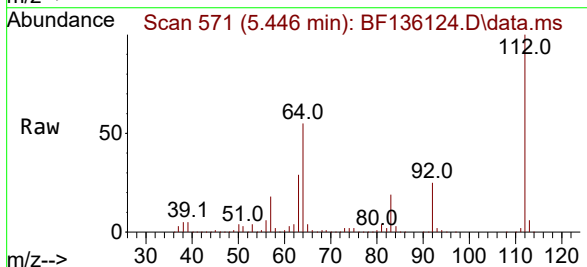
Instrument :
BNA_F
ClientSampleId :
MW-2

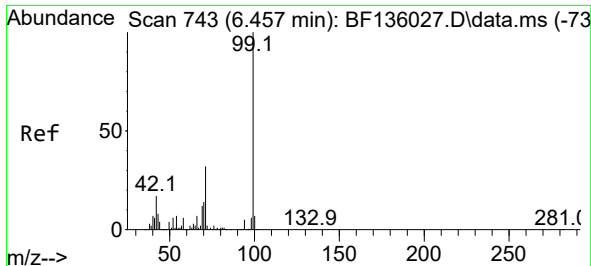
Tgt Ion:152 Resp: 112614
Ion Ratio Lower Upper
152 100
150 158.0 126.4 189.6
115 66.9 47.0 70.4



#5
2-Fluorophenol
Concen: 50.152 ng
RT: 5.446 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

Tgt Ion:112 Resp: 359411
Ion Ratio Lower Upper
112 100
64 55.3 43.9 65.9
63 28.5 22.4 33.6

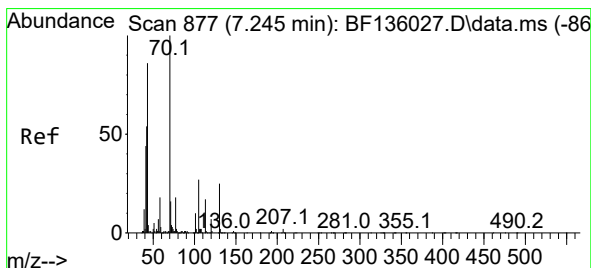
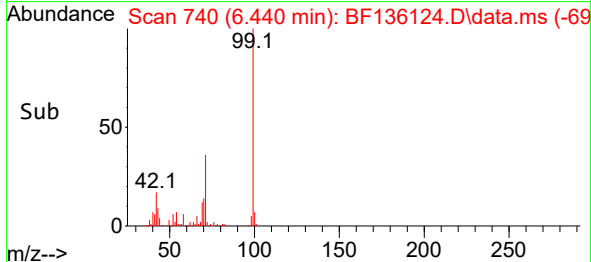
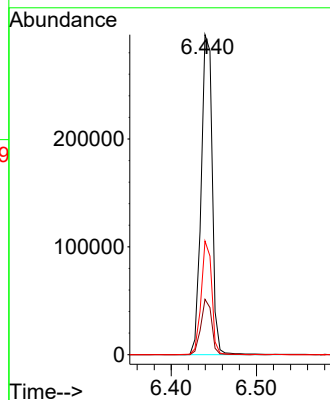
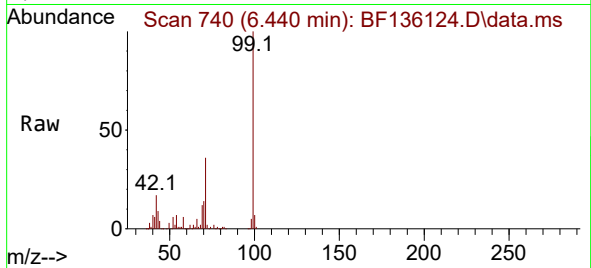




#7
Phenol-d6
Concen: 30.036 ng
RT: 6.440 min Scan# 743
Delta R.T. -0.017 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

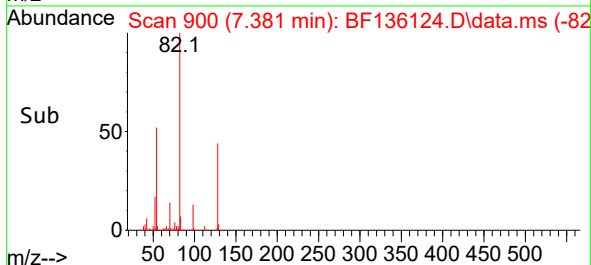
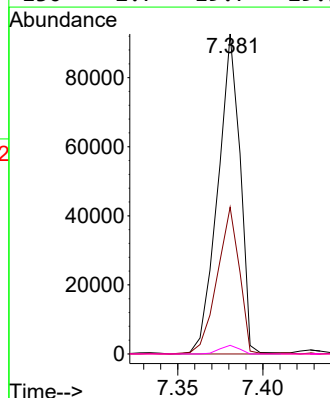
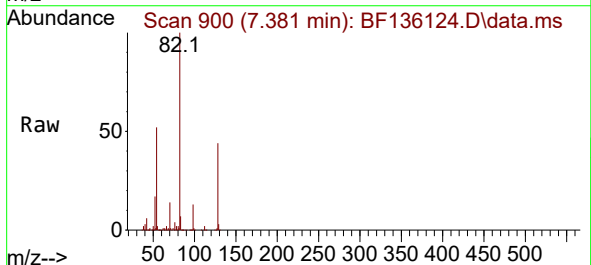
Instrument :
BNA_F
ClientSampleId :
MW-2

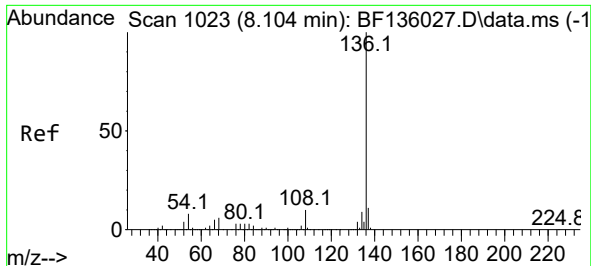
Tgt Ion: 99 Resp: 268188
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 35.5 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.502 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.135 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

Tgt Ion: 70 Resp: 84192
Ion Ratio Lower Upper
70 100
42 45.8 43.0 64.4
101 0.0 8.0 12.0#
130 2.7 19.7 29.5#



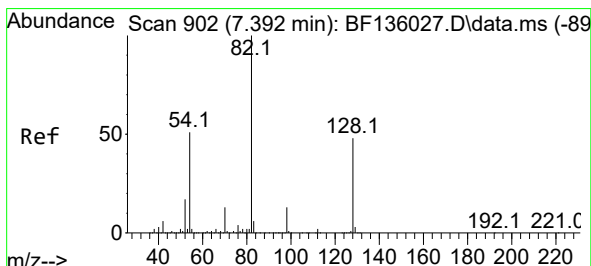
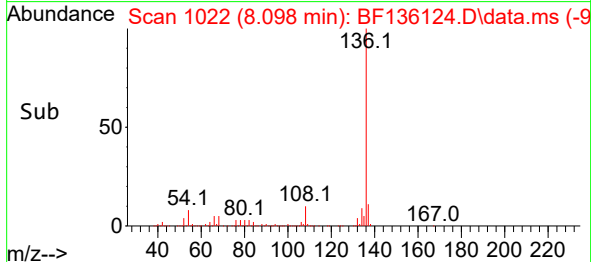
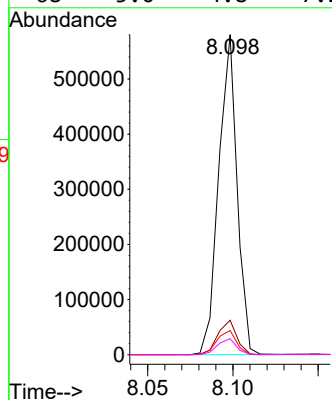
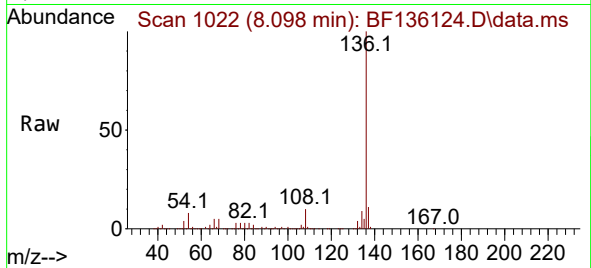


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:136 Resp: 435639

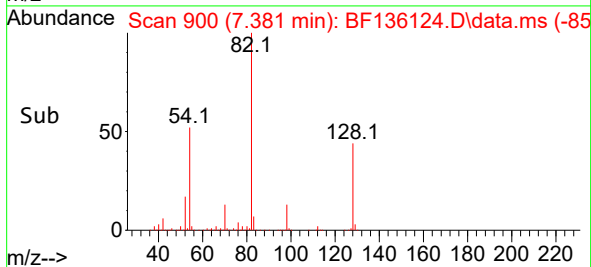
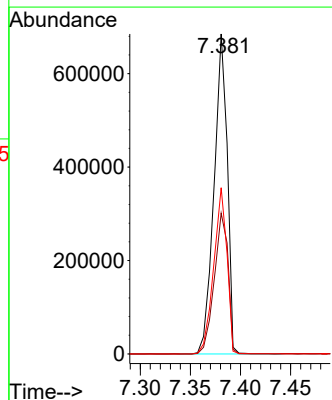
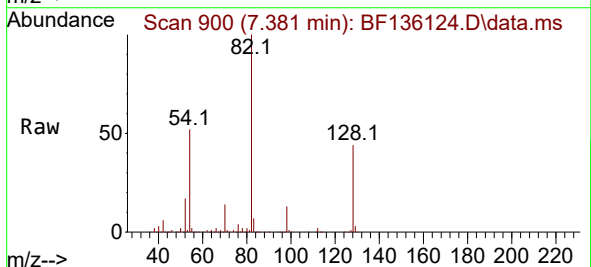
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.5	6.6	9.8
68	5.0	4.8	7.2

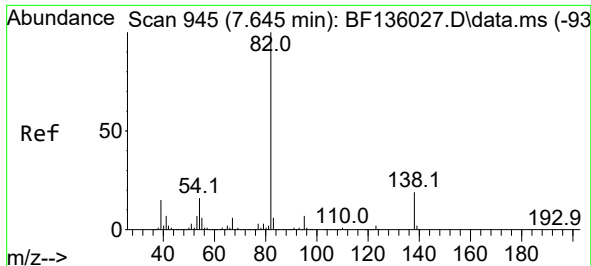


#23
Nitrobenzene-d5
Concen: 86.927 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

Tgt Ion: 82 Resp: 628186

Ion	Ratio	Lower	Upper
82	100		
128	44.0	38.6	57.8
54	52.0	40.8	61.2

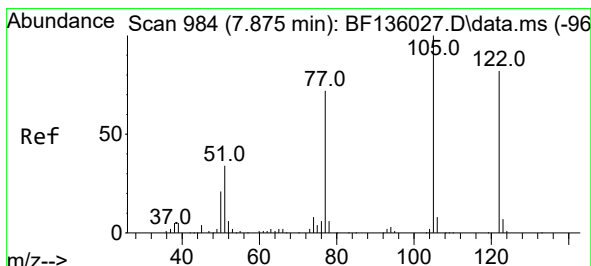
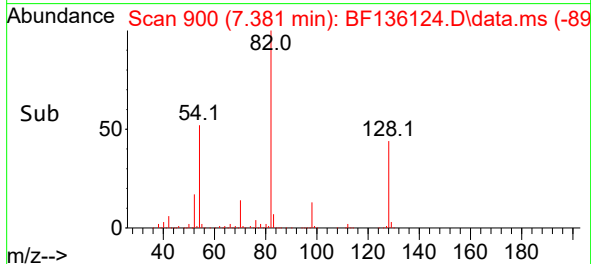
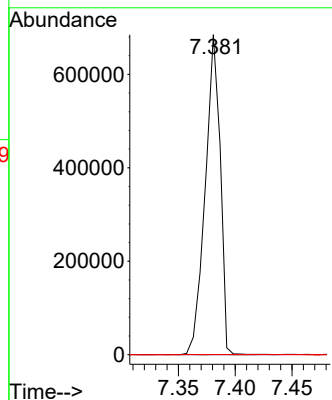
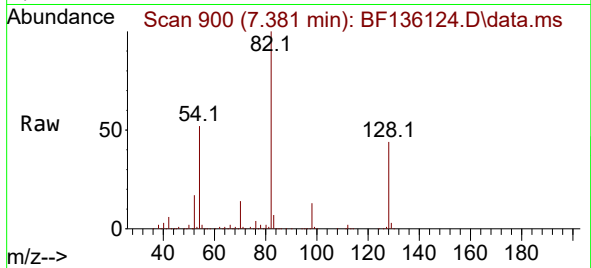




#25
Isophorone
Concen: 45.969 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

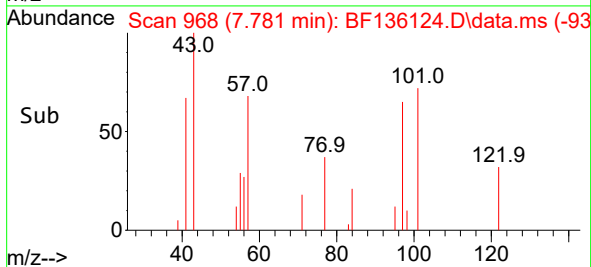
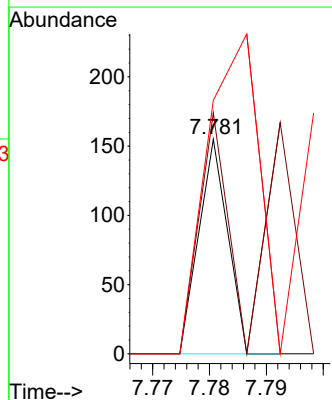
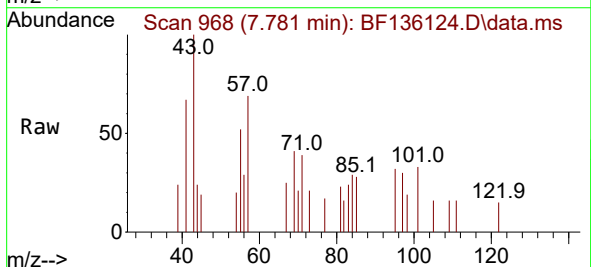
Instrument :
BNA_F
ClientSampleId :
MW-2

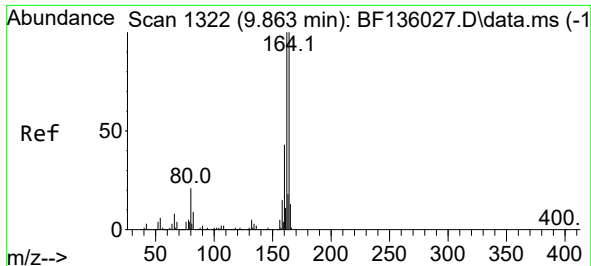
Tgt Ion: 82 Resp: 627161
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.124 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.094 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 112.3 99.5 139.5
77 118.1 66.8 106.8#

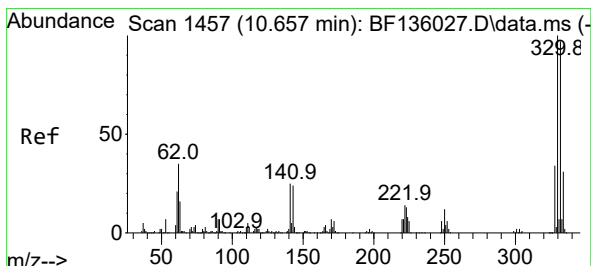
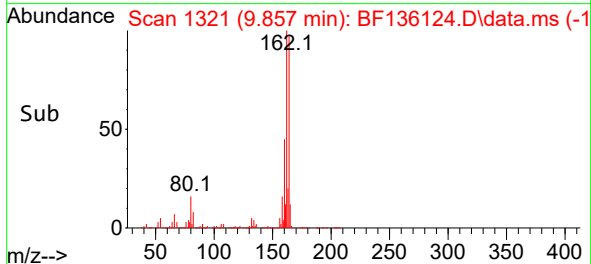
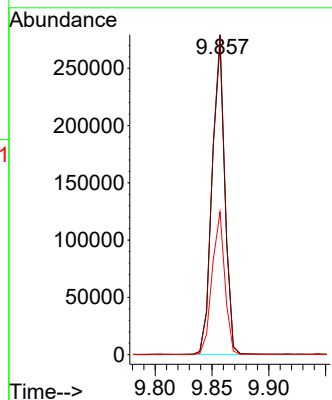
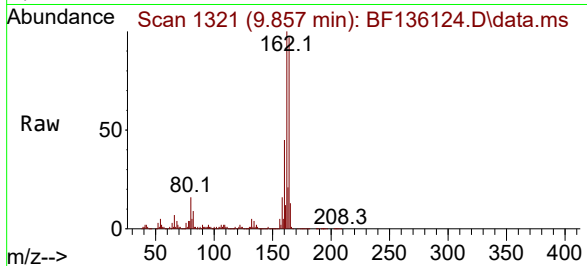




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

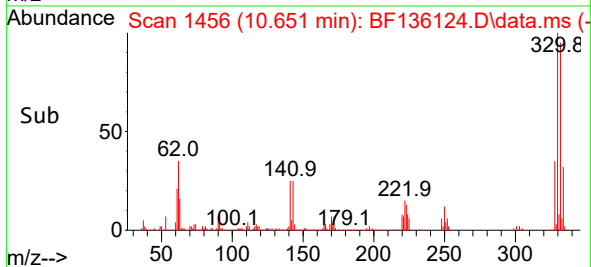
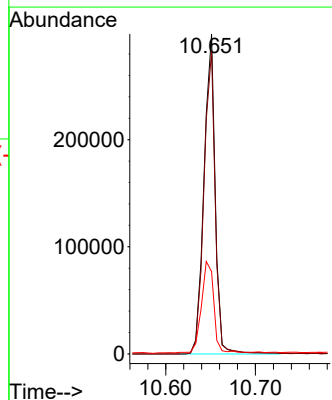
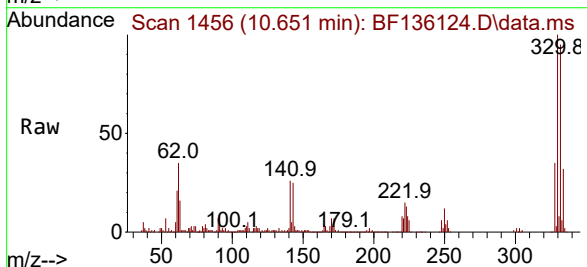
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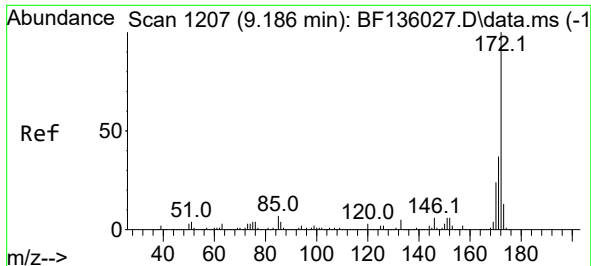
Tgt Ion:164 Resp: 211150
Ion Ratio Lower Upper
164 100
162 102.7 80.1 120.1
160 45.8 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 115.418 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

Tgt Ion:330 Resp: 260125
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 32.0 23.2 34.8

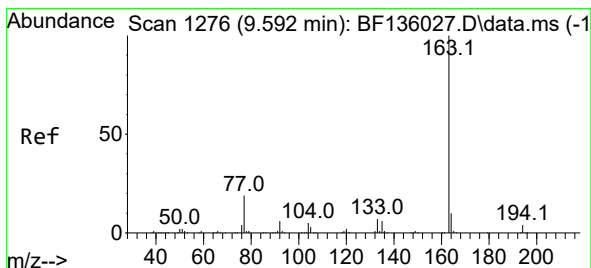
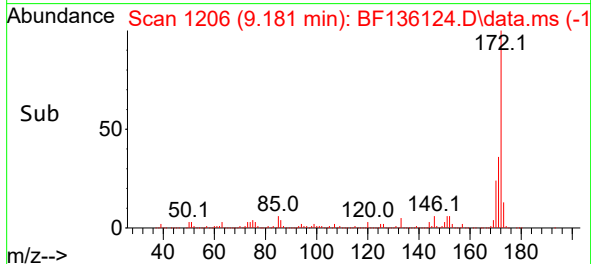
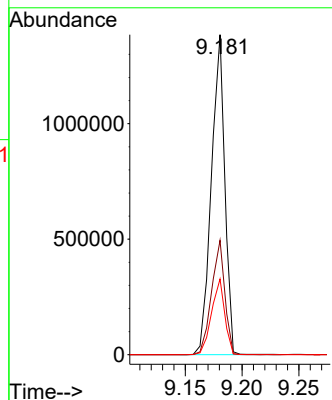
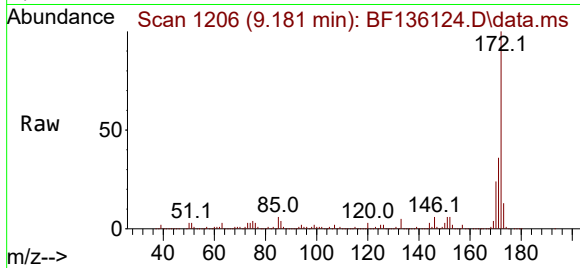




#45
2-Fluorobiphenyl
Concen: 86.013 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

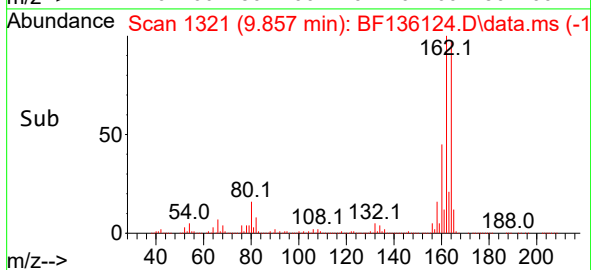
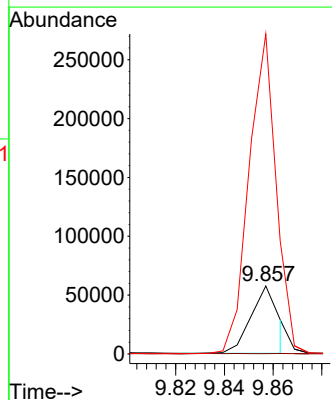
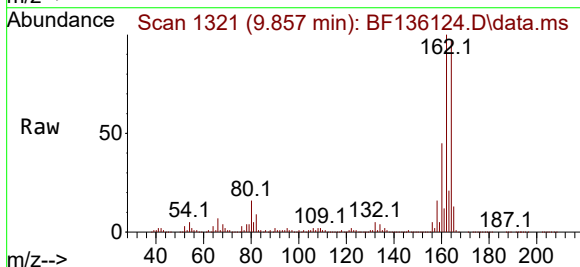
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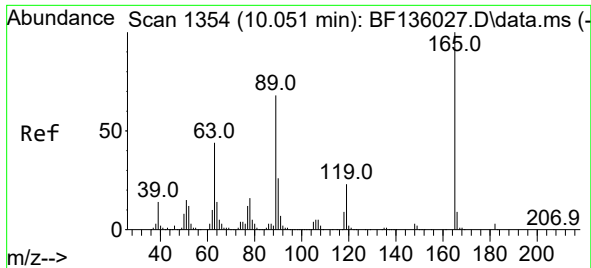
Tgt Ion:172 Resp: 1139303
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.6 19.3 28.9



#50
Dimethylphthalate
Concen: 3.193 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.265 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

Tgt Ion:163 Resp: 44466
Ion Ratio Lower Upper
163 100
194 0.4 3.2 4.8#
164 470.3 8.1 12.1#

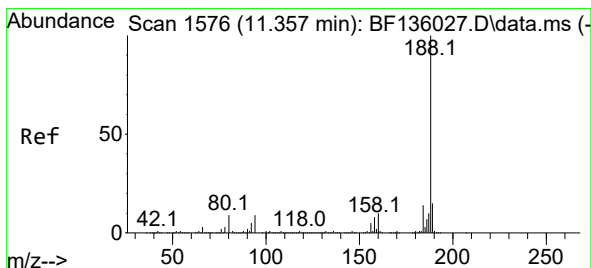
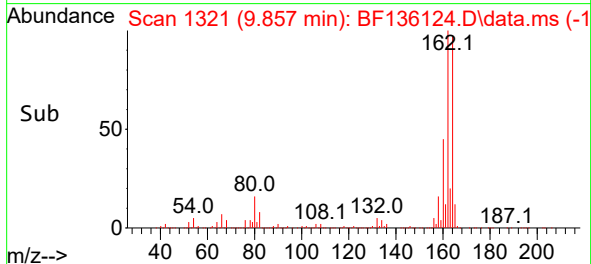
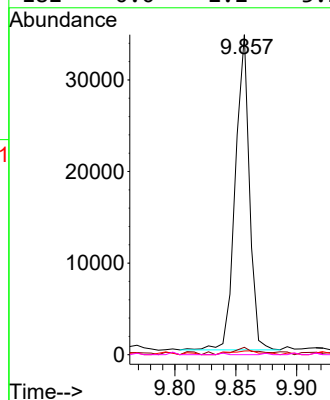
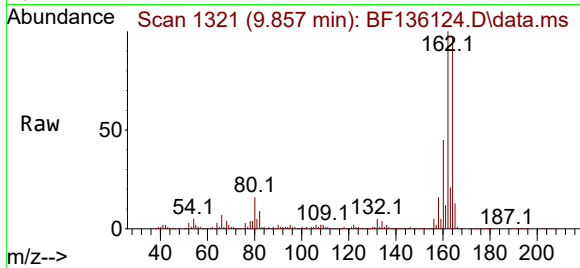




#57
2,4-Dinitrotoluene
Concen: 7.337 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

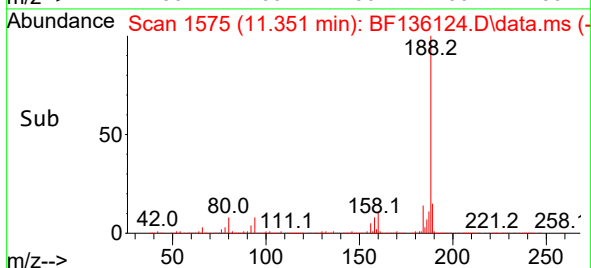
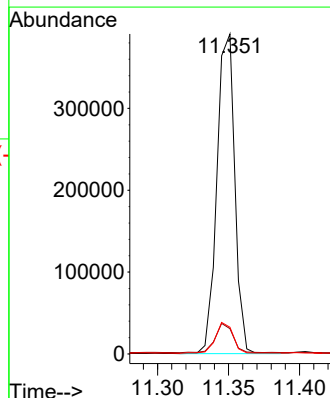
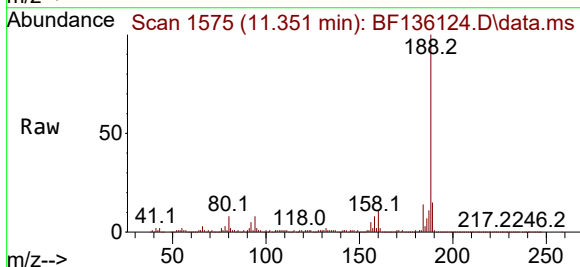
Instrument :
BNA_F
ClientSampleId :
MW-2

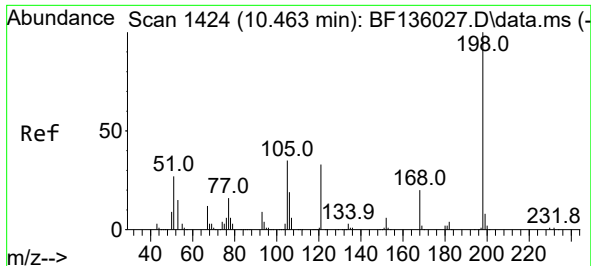
Tgt Ion:165	Resp:	27653
Ion Ratio	Lower	Upper
165	100	
63	2.3	35.2 52.8#
89	1.1	54.8 82.2#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

Tgt Ion:188	Resp:	341534
Ion Ratio	Lower	Upper
188	100	
94	7.9	7.2 10.8
80	8.4	7.4 11.0

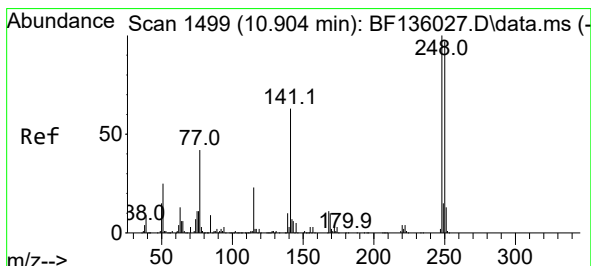
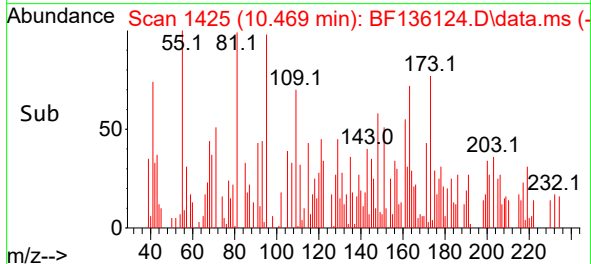
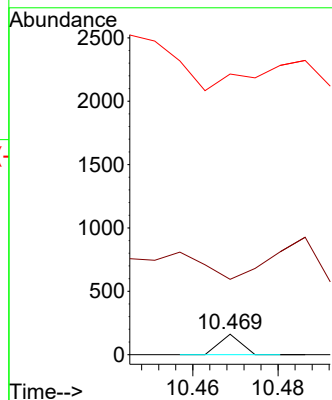
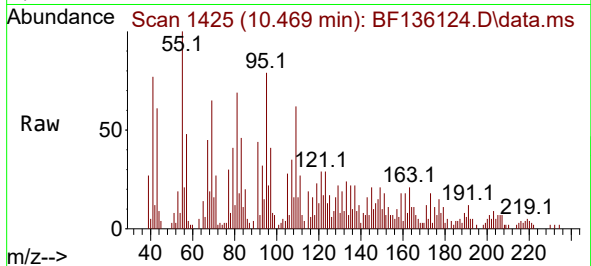




#65
4,6-Dinitro-2-methylphenol
Concen: 5.817 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

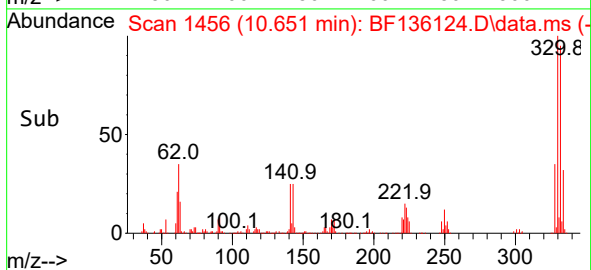
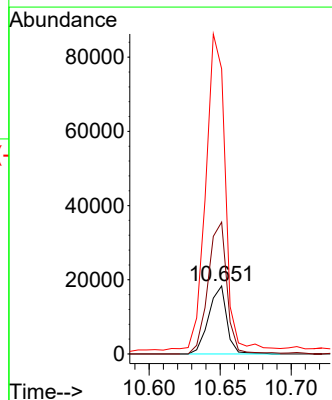
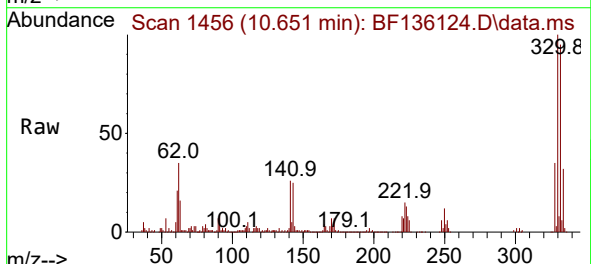
Instrument :
BNA_F
ClientSampleId :
MW-2

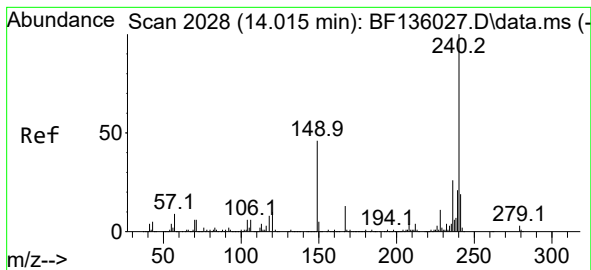
Tgt Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 368.9 12.9 52.9#
105 1375.8 16.0 56.0#



#67
4-Bromophenyl-phenylether
Concen: 4.553 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF136124.D
Acq: 03 Nov 2023 15:08

Tgt Ion:248 Resp: 16303
Ion Ratio Lower Upper
248 100
250 193.7 77.6 116.4#
141 418.7 50.4 75.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136124.D

Acq: 03 Nov 2023 15:08

Instrument :

BNA_F

ClientSampleId :

MW-2

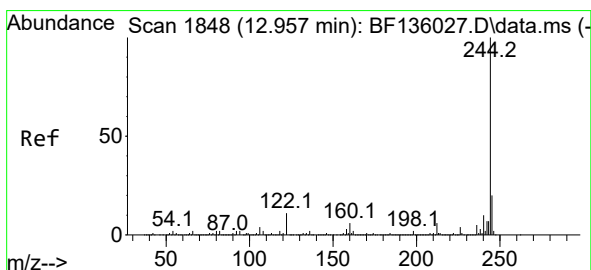
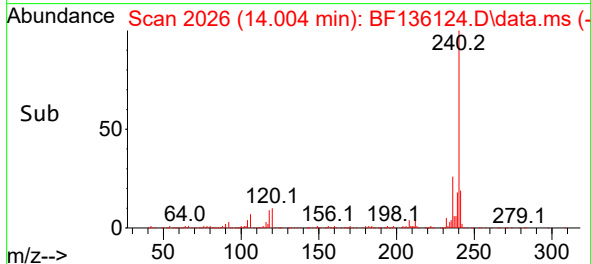
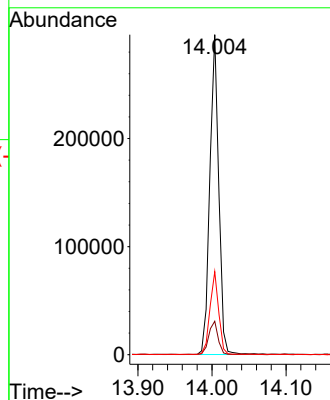
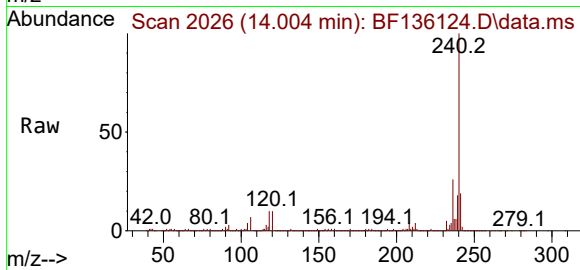
Tgt Ion:240 Resp: 248511

Ion Ratio Lower Upper

240 100

120 10.5 7.6 11.4

236 26.0 20.6 31.0



#79

Terphenyl-d14

Concen: 68.283 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF136124.D

Acq: 03 Nov 2023 15:08

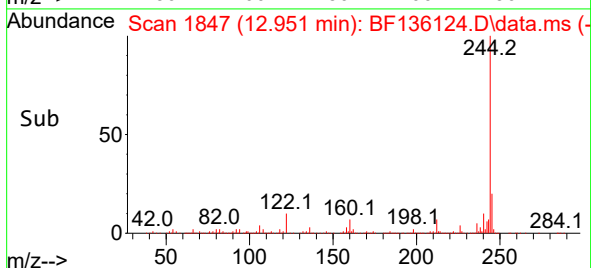
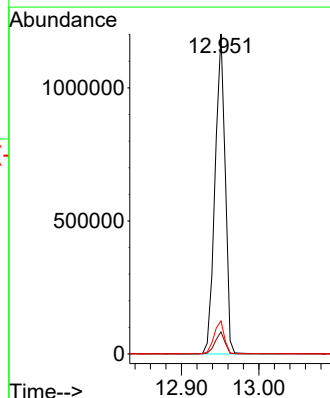
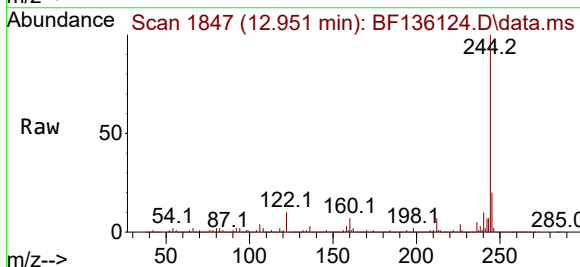
Tgt Ion:244 Resp: 1091939

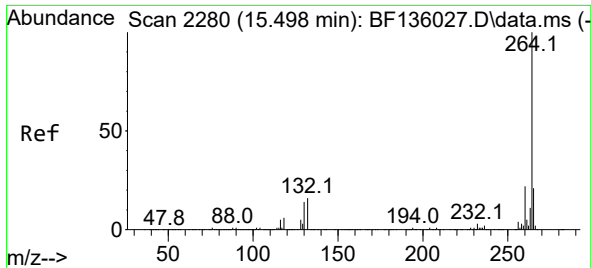
Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 10.3 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136124.D

Acq: 03 Nov 2023 15:08

Instrument :

BNA_F

ClientSampleId :

MW-2

Tgt Ion:264 Resp: 305915

Ion Ratio Lower Upper

264 100

260 23.7 17.9 26.9

265 21.7 16.8 25.2

