

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051424\
 Data File : BF137919.D
 Acq On : 14 May 2024 16:00
 Operator : CG\JU
 Sample : PB160921BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160921BL

Quant Time: May 15 04:18:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

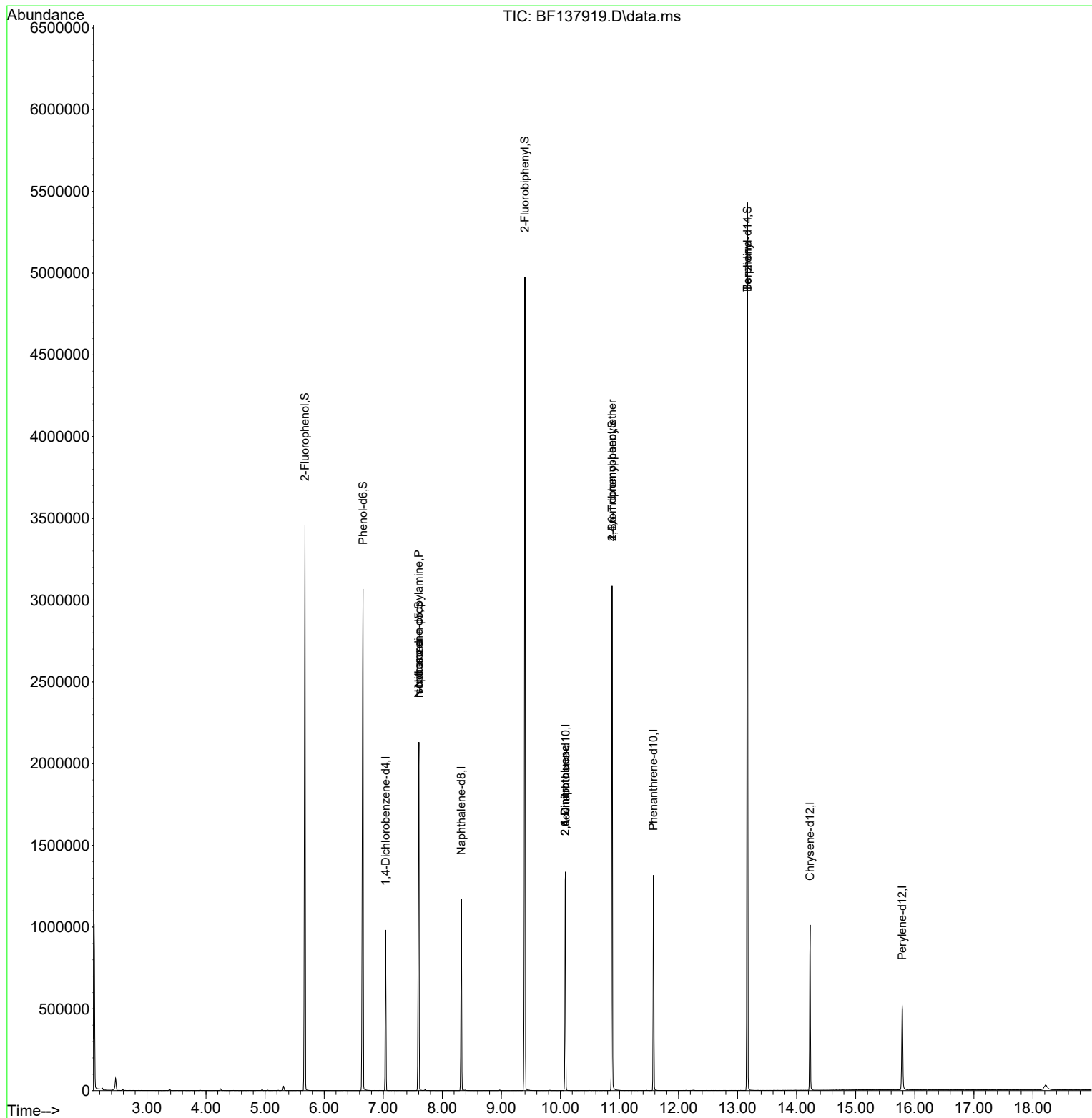
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	135101	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	536512	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	300825	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	524272	20.000	ng	0.00
76) Chrysene-d12	14.227	240	337392	20.000	ng	0.00
86) Perylene-d12	15.786	264	266702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1033820	129.984	ng	0.01
7) Phenol-d6	6.657	99	1249954	127.580	ng	0.00
23) Nitrobenzene-d5	7.604	82	778581	85.403	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	405699	133.752	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1642300	84.095	ng	0.00
79) Terphenyl-d14	13.169	244	1934172	84.489	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.604	70	103148	18.739	ng	# 74
25) Isophorone	7.604	82	778574	49.207	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	38194	8.822	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	38194	6.824	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	25780	4.485	ng	# 1
77) Benzidine	13.169	184	22974	5.210	ng	# 93

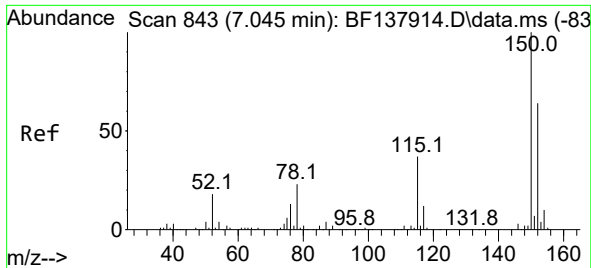
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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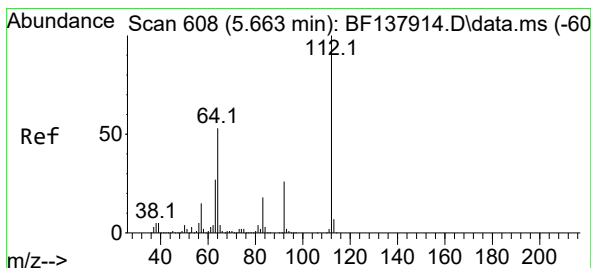
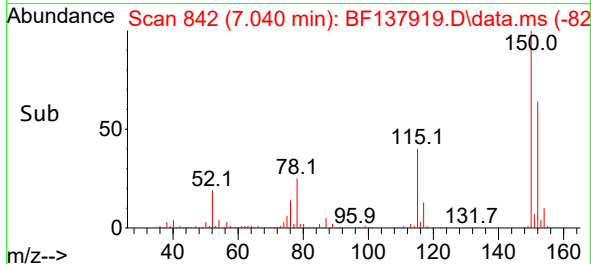
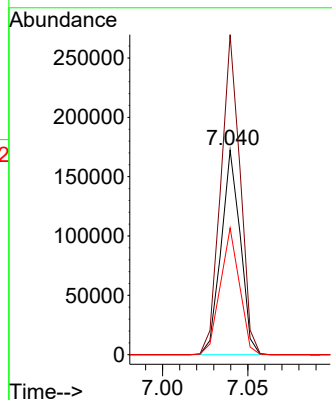
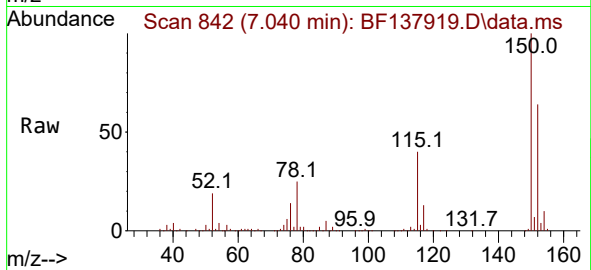




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

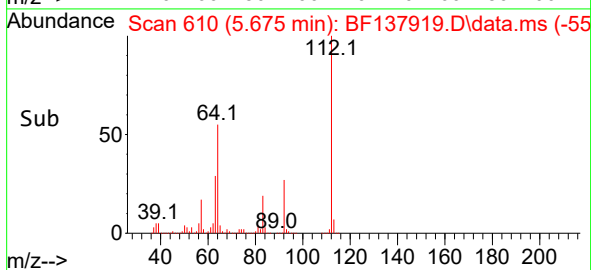
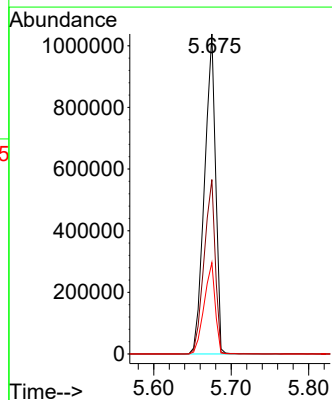
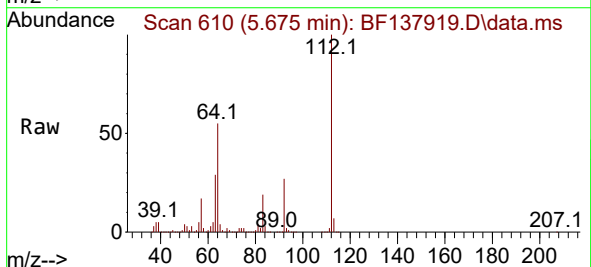
Instrument :
BNA_F
ClientSampleId :
PB160921BL

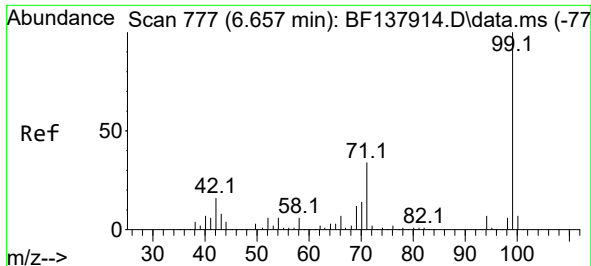
Tgt Ion:152 Resp: 135101
Ion Ratio Lower Upper
152 100
150 156.4 125.7 188.5
115 61.9 47.0 70.6



#5
2-Fluorophenol
Concen: 129.984 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

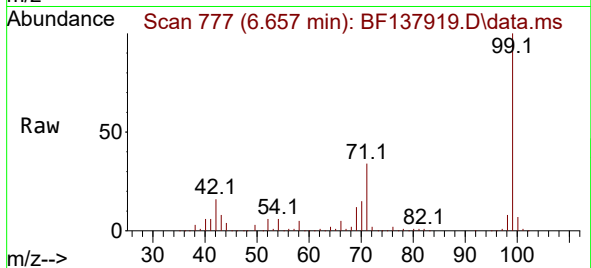
Tgt Ion:112 Resp: 1033820
Ion Ratio Lower Upper
112 100
64 54.5 42.4 63.6
63 28.6 21.4 32.2





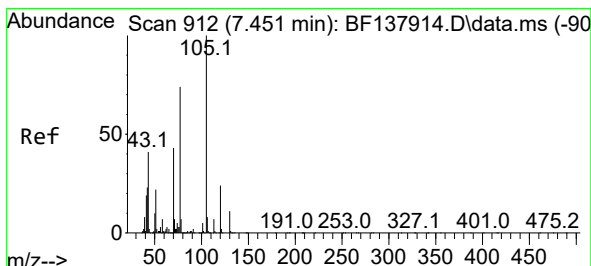
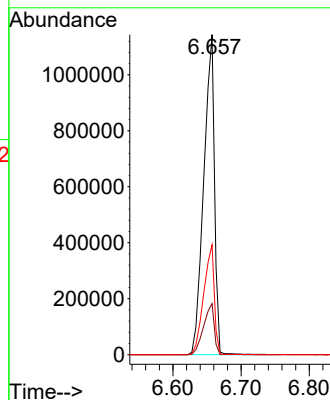
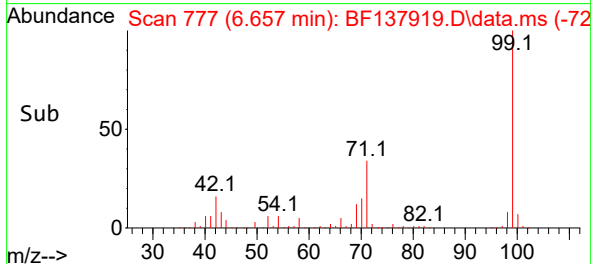
#7
Phenol-d6
Concen: 127.580 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

Instrument :
BNA_F
ClientSampleId :
PB160921BL

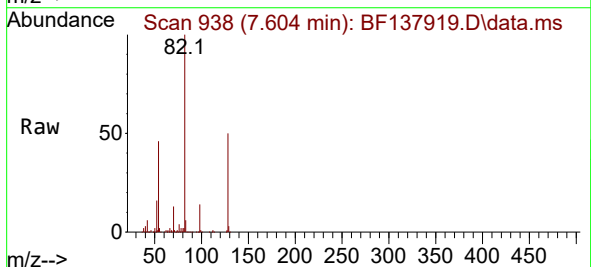


Tgt Ion: 99 Resp: 1249954

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.6	18.8
71	34.4	27.1	40.7

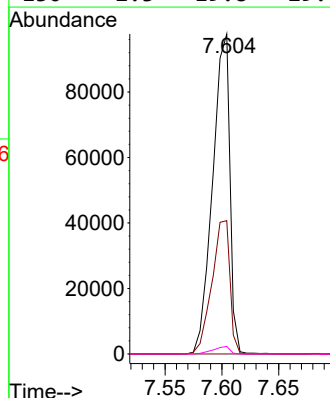
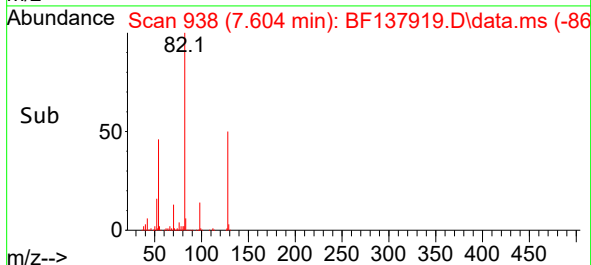


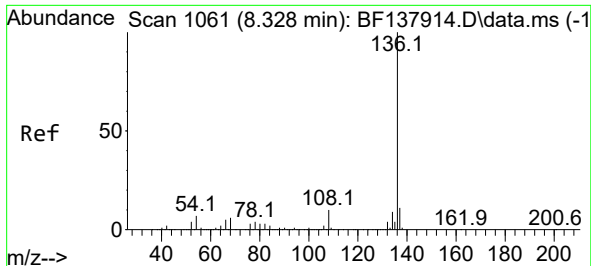
#19
n-Nitroso-di-n-propylamine
Concen: 18.739 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00



Tgt Ion: 70 Resp: 103148

Ion	Ratio	Lower	Upper
70	100		
42	41.7	42.2	63.4#
101	0.0	8.8	13.2#
130	2.3	19.8	29.8#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

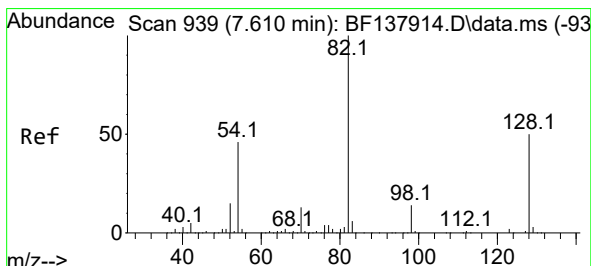
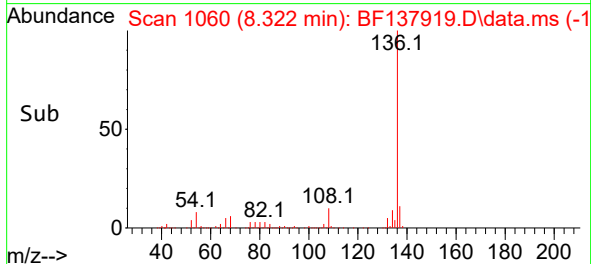
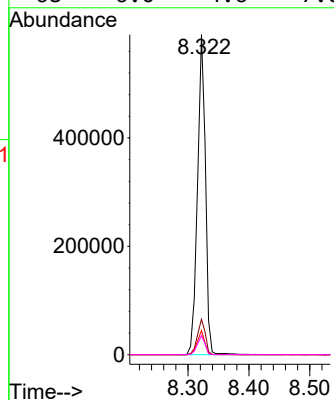
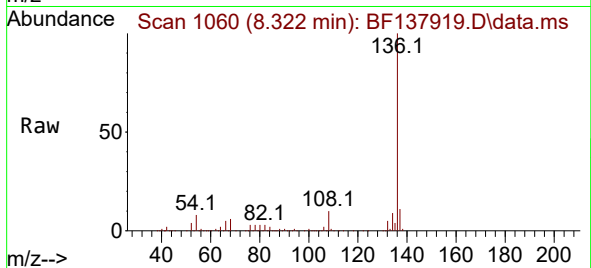
Instrument :

BNA_F

ClientSampleId :

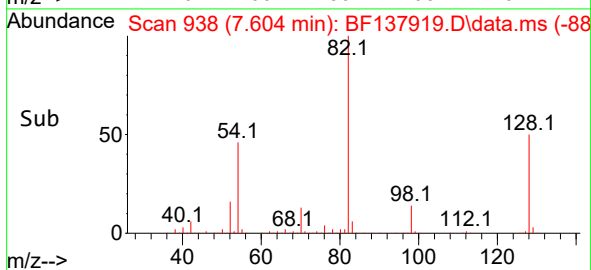
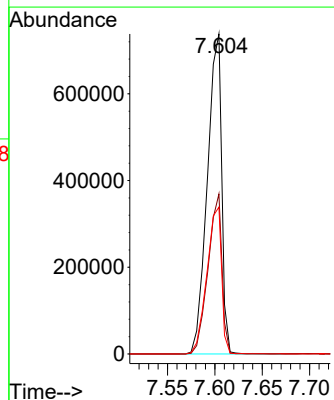
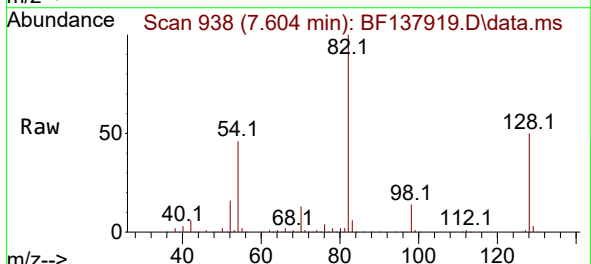
PB160921BL

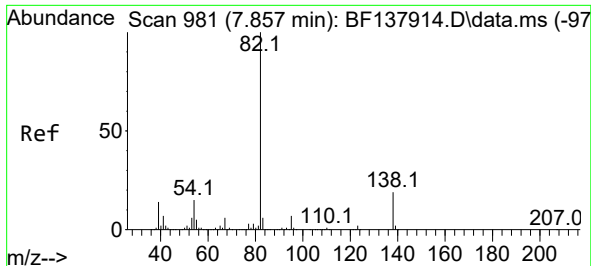
Tgt Ion:136 Resp: 536512
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.5 5.4 8.2
68 6.0 4.6 7.0



#23
Nitrobenzene-d5
Concen: 85.403 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

Tgt Ion: 82 Resp: 778581
Ion Ratio Lower Upper
82 100
128 50.0 40.3 60.5
54 45.9 36.8 55.2

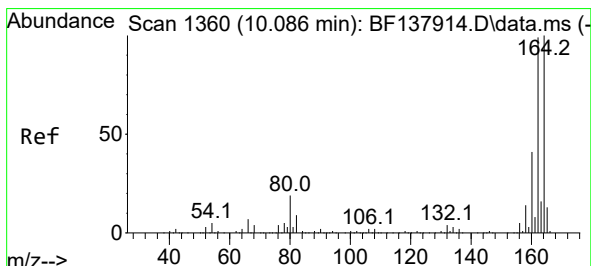
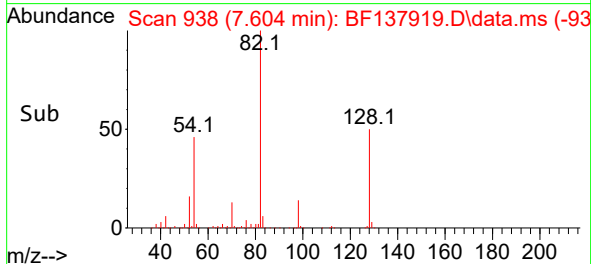
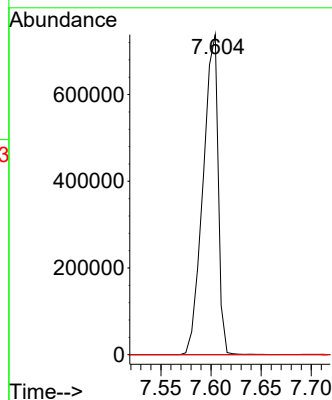
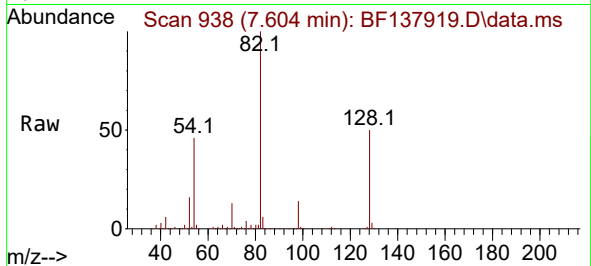




#25
Isophorone
Concen: 49.207 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

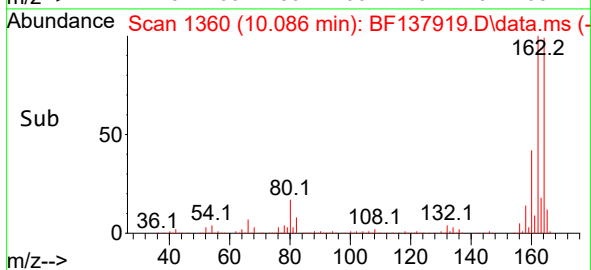
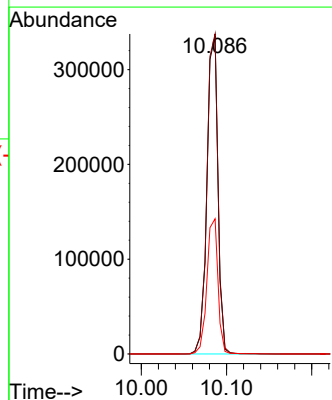
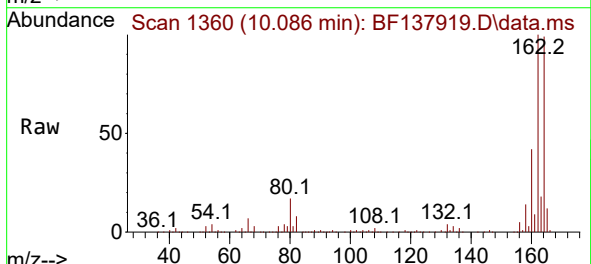
Instrument :
BNA_F
ClientSampleId :
PB160921BL

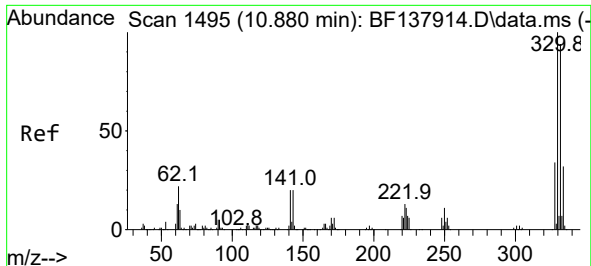
Tgt Ion: 82 Resp: 778574
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

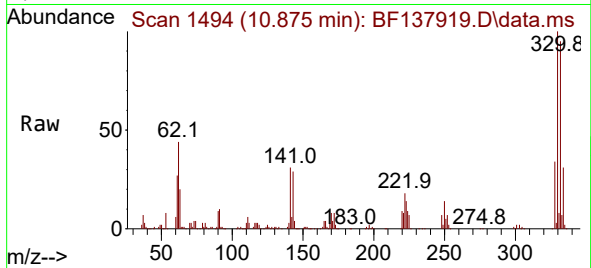
Tgt Ion:164 Resp: 300825
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 42.5 33.1 49.7



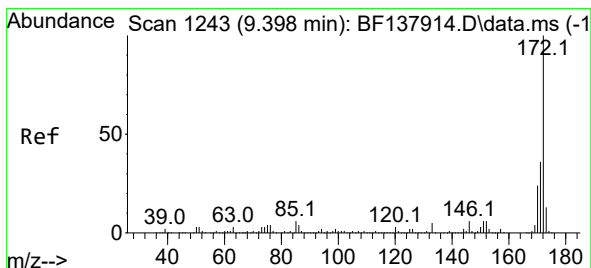
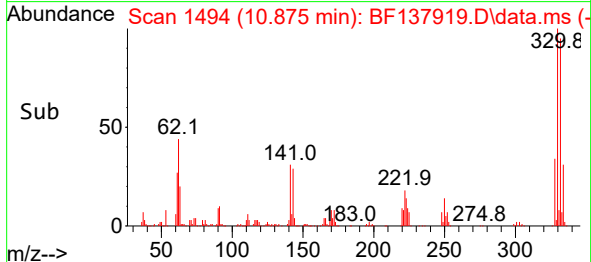
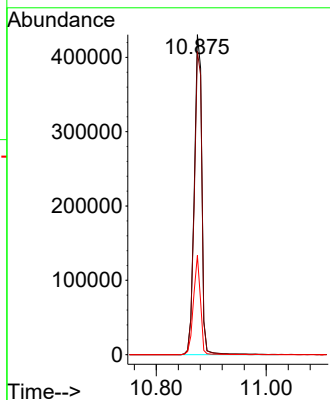


#42
2,4,6-Tribromophenol
Concen: 133.752 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

Instrument :
BNA_F
ClientSampleId :
PB160921BL

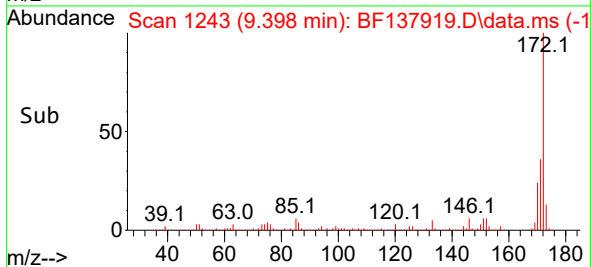
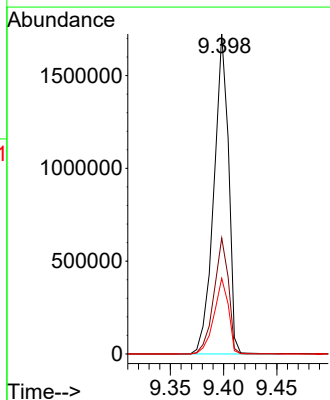
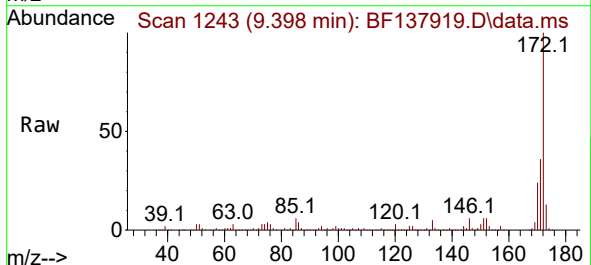


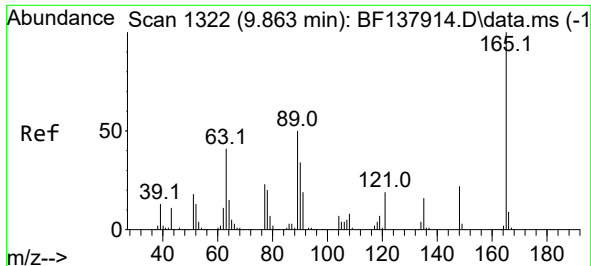
Tgt Ion:330 Resp: 405699
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.8
141 28.7 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 84.095 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

Tgt Ion:172 Resp: 1642300
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.7 18.9 28.3

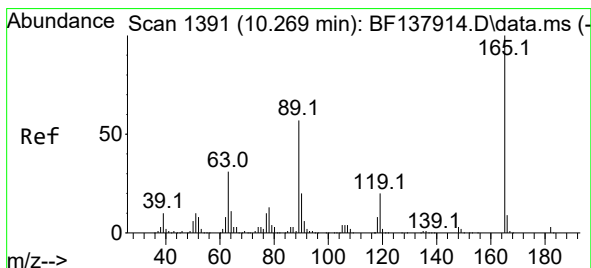
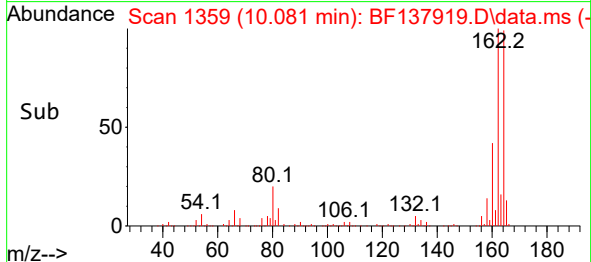
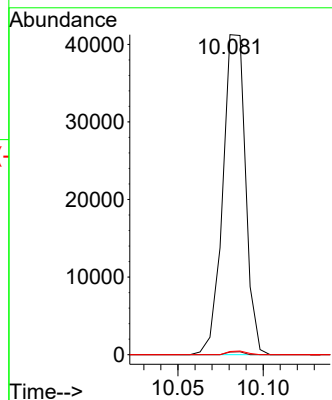
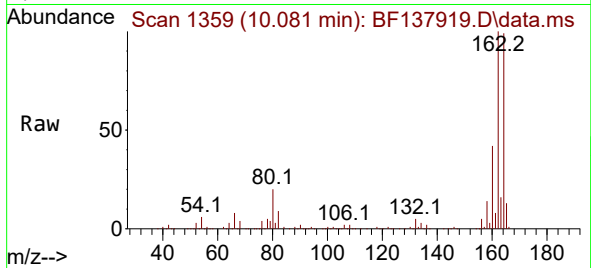




#51
2,6-Dinitrotoluene
Concen: 8.822 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

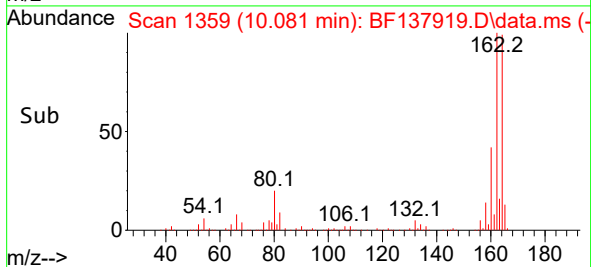
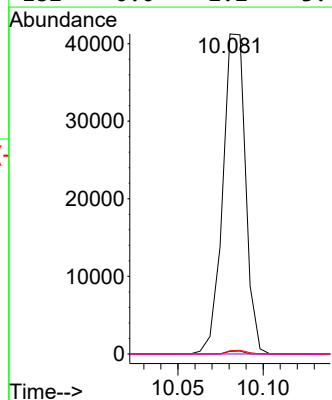
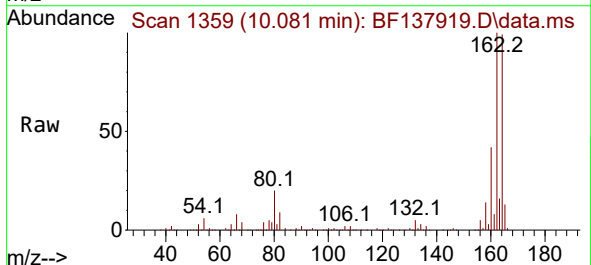
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BNA_F
ClientSampleId :
PB160921BL

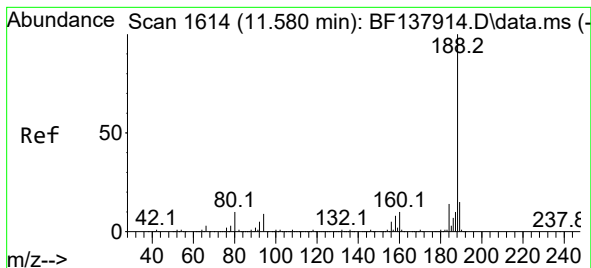
Tgt Ion:165 Resp: 38194
Ion Ratio Lower Upper
165 100
63 0.8 38.9 58.3#
89 1.0 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.824 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

Tgt Ion:165 Resp: 38194
Ion Ratio Lower Upper
165 100
63 0.8 25.3 37.9#
89 1.0 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137919.D

Acq: 14 May 2024 16:00

Instrument :

BNA_F

ClientSampleId :

PB160921BL

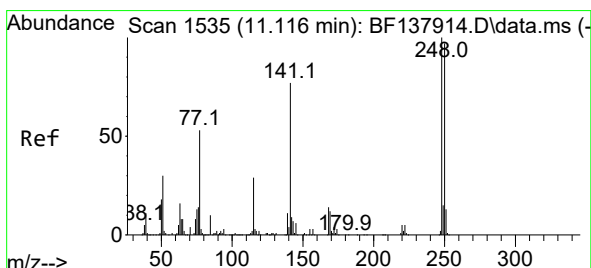
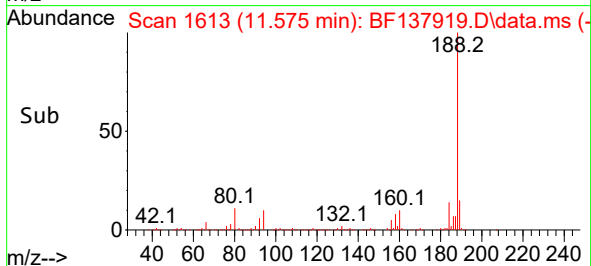
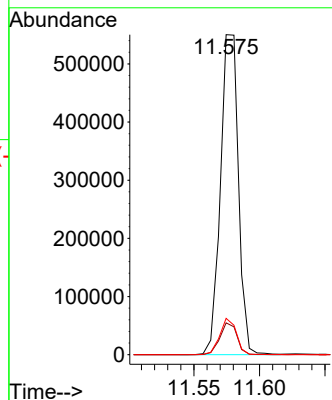
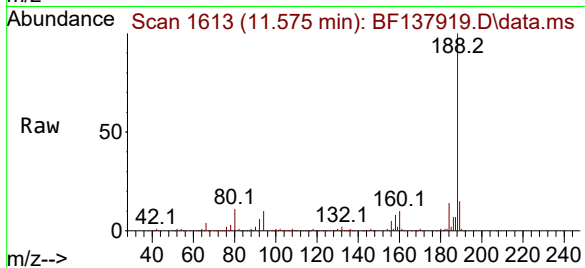
Tgt Ion:188 Resp: 524272

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.4

80 11.4 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.485 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137919.D

Acq: 14 May 2024 16:00

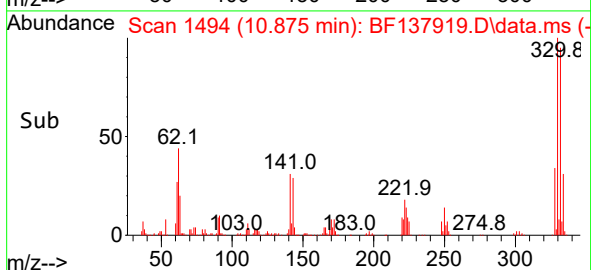
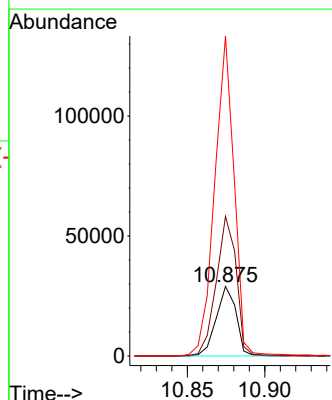
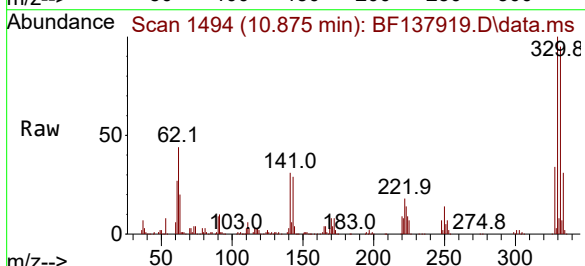
Tgt Ion:248 Resp: 25780

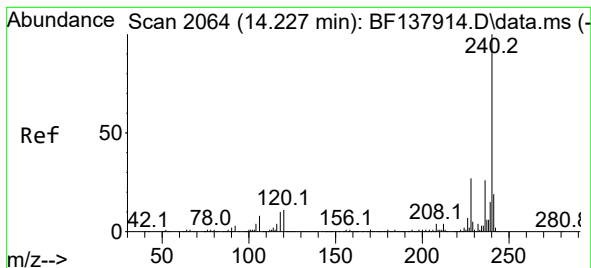
Ion Ratio Lower Upper

248 100

250 200.7 77.6 116.4#

141 460.0 61.4 92.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF137919.D

Acq: 14 May 2024 16:00

Instrument :

BNA_F

ClientSampleId :

PB160921BL

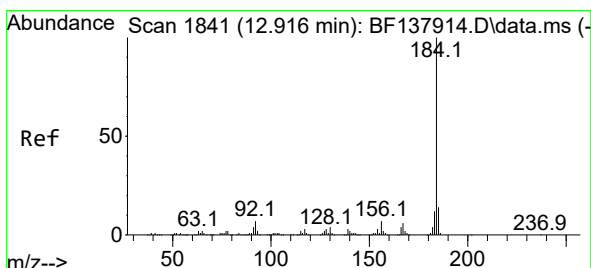
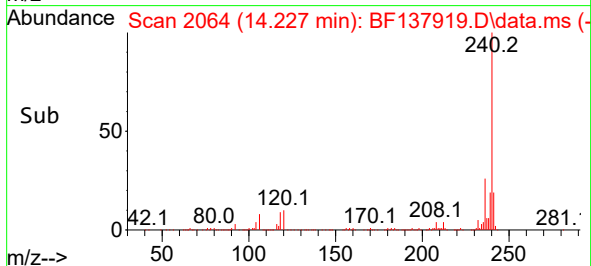
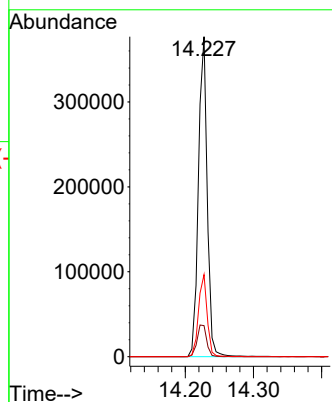
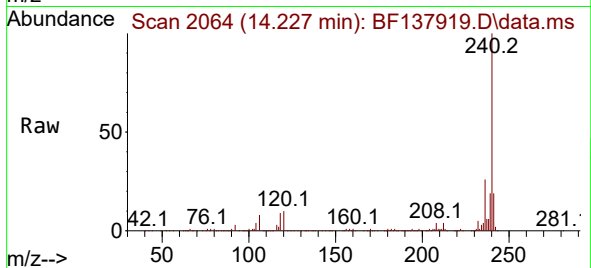
Tgt Ion:240 Resp: 337392

Ion Ratio Lower Upper

240 100

120 9.7 8.9 13.3

236 25.6 21.0 31.4



#77

Benzidine

Concen: 5.210 ng

RT: 13.169 min Scan# 1884

Delta R.T. 0.253 min

Lab File: BF137919.D

Acq: 14 May 2024 16:00

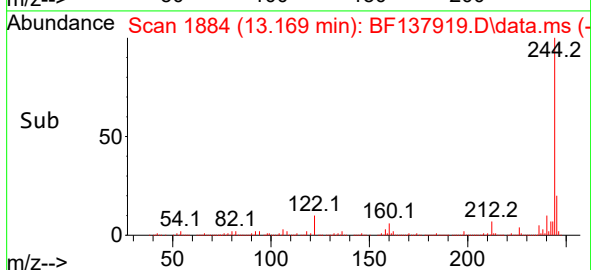
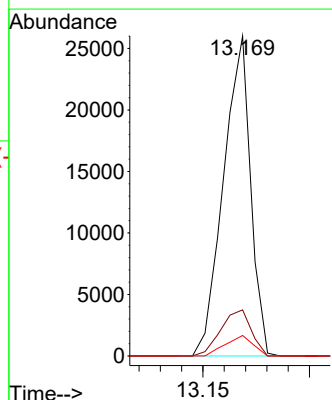
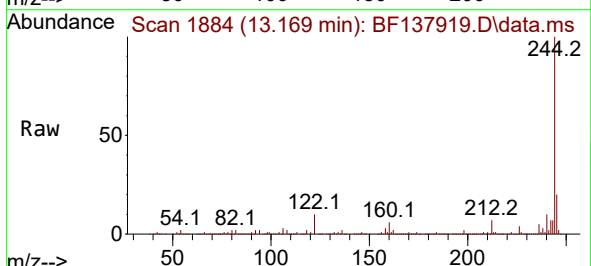
Tgt Ion:184 Resp: 22974

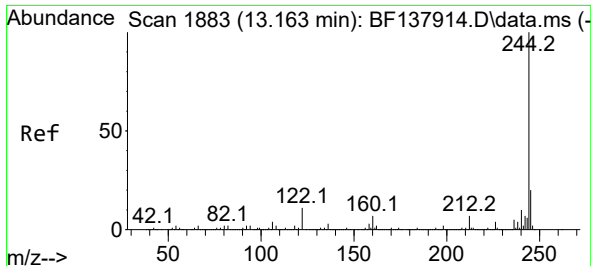
Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

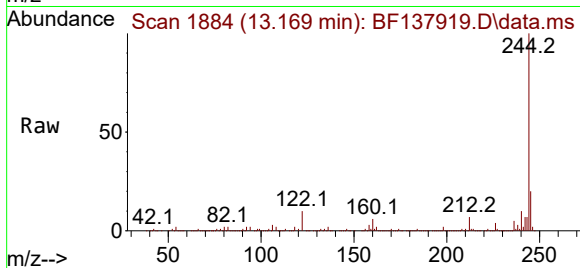
183 6.4 9.5 14.3#



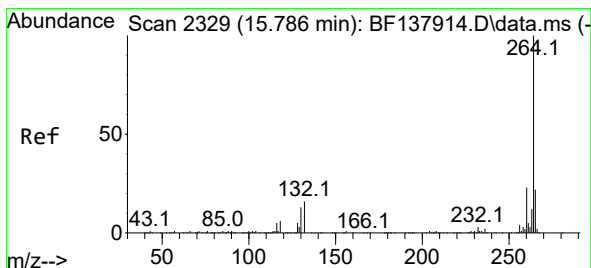
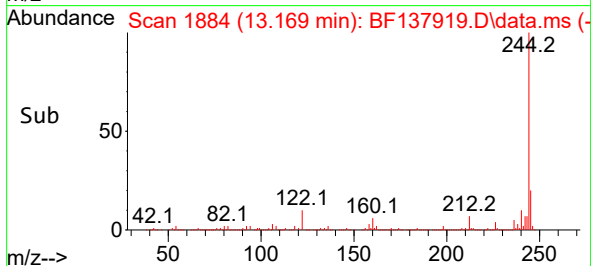
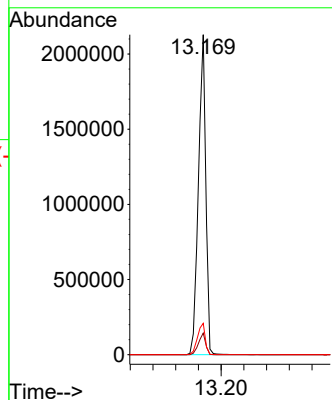


#79
 Terphenyl-d14
 Concen: 84.489 ng
 RT: 13.169 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF137919.D
 Acq: 14 May 2024 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB160921BL



Tgt Ion:244 Resp: 1934172
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. 0.000 min
 Lab File: BF137919.D
 Acq: 14 May 2024 16:00

Tgt Ion:264 Resp: 266702
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 21.4 17.6 26.4

