

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139814.D
 Acq On : 15 Oct 2024 16:07
 Operator : RC/JU
 Sample : PB164157BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164157BL

Quant Time: Oct 15 16:47:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

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

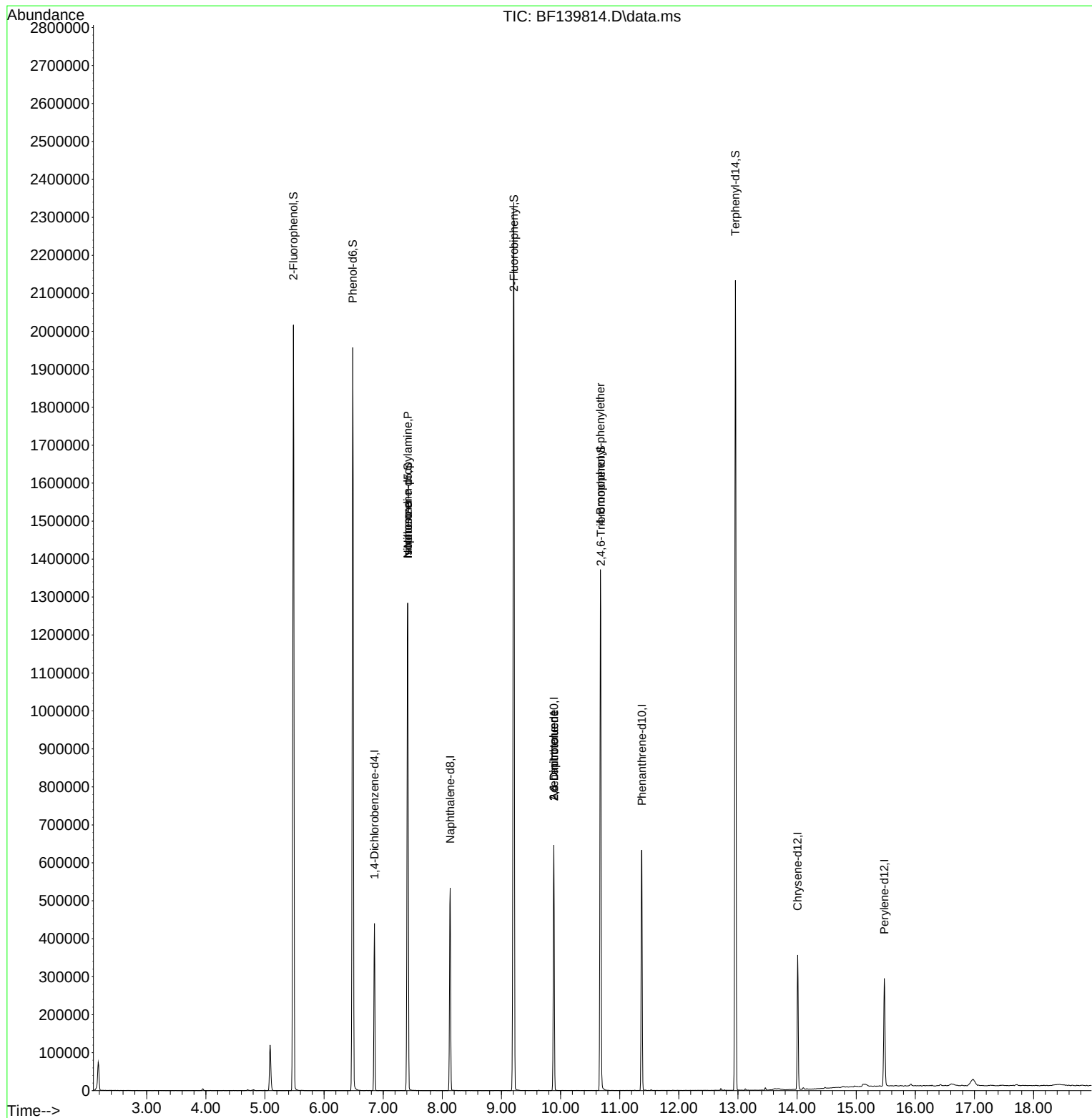
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	89149	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	334998	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	189711	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	352336	20.000	ng	0.00
76) Chrysene-d12	14.010	240	164626	20.000	ng	0.00
86) Perylene-d12	15.474	264	162439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	716461	135.602	ng	0.00
7) Phenol-d6	6.487	99	944548	134.422	ng	0.00
23) Nitrobenzene-d5	7.416	82	603681	92.752	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	222872	139.296	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1113832	87.815	ng	0.00
79) Terphenyl-d14	12.957	244	1058428	153.127	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	79545	19.440	ng	# 76
25) Isophorone	7.416	82	601612	54.163	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	24138	9.110	ng	# 21
57) 2,4-Dinitrotoluene	9.886	165	24138	7.379	ng	# 18
67) 4-Bromophenyl-phenylether	10.675	248	15264	4.021	ng	# 1

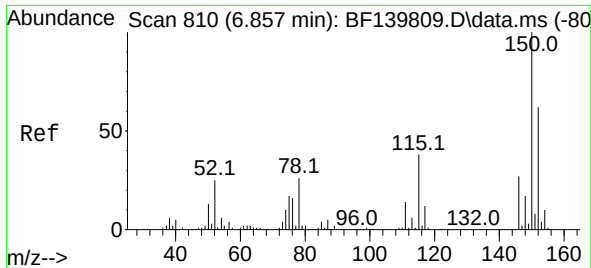
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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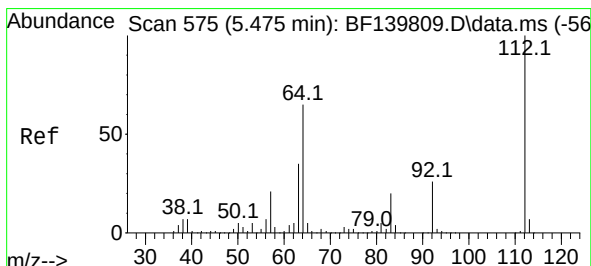
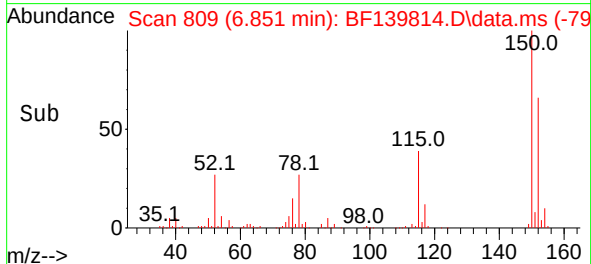
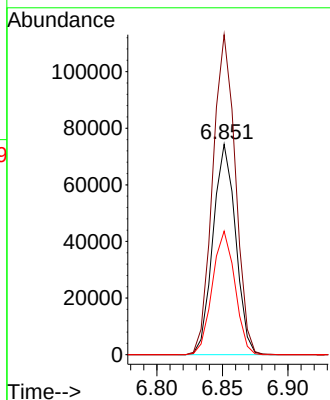
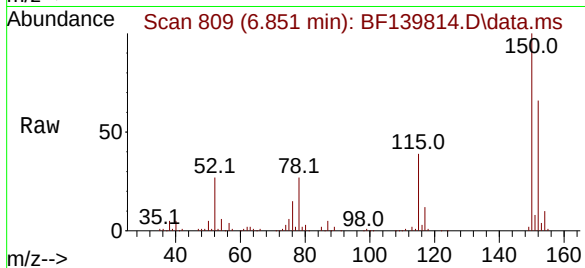




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

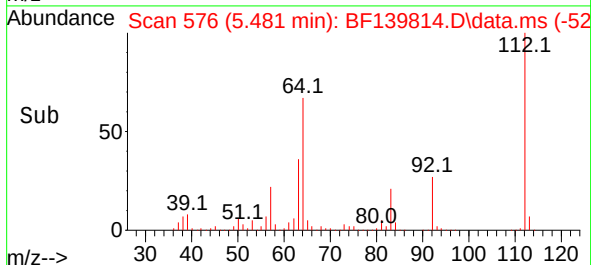
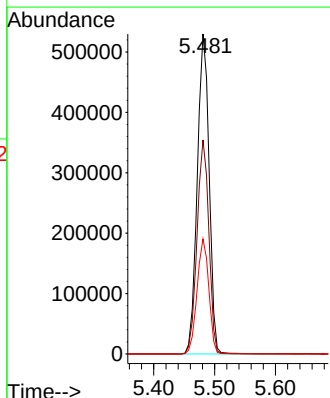
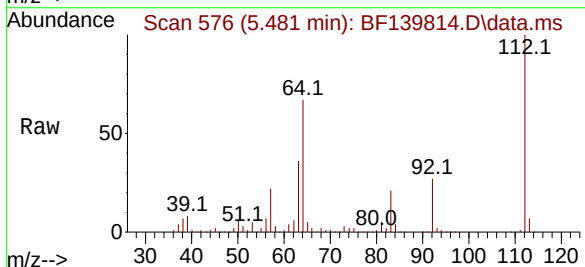
Instrument :
BNA_F
ClientSampleId :
PB164157BL

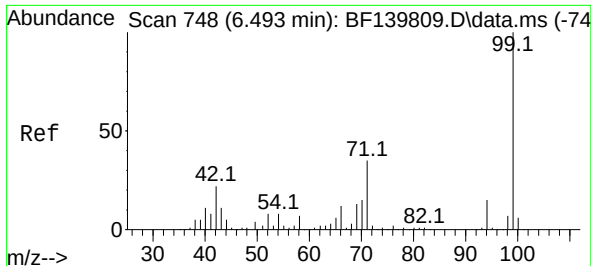
Tgt Ion:152 Resp: 89149
Ion Ratio Lower Upper
152 100
150 152.1 128.2 192.2
115 58.7 48.1 72.1



#5
2-Fluorophenol
Concen: 135.602 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

Tgt Ion:112 Resp: 716461
Ion Ratio Lower Upper
112 100
64 66.9 52.1 78.1
63 35.9 27.6 41.4

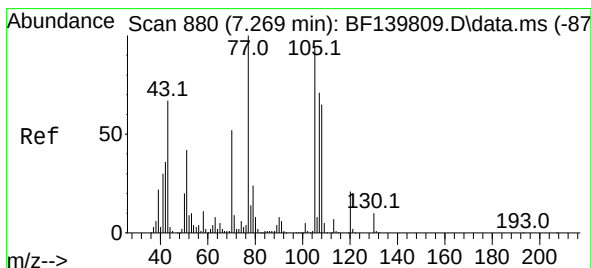
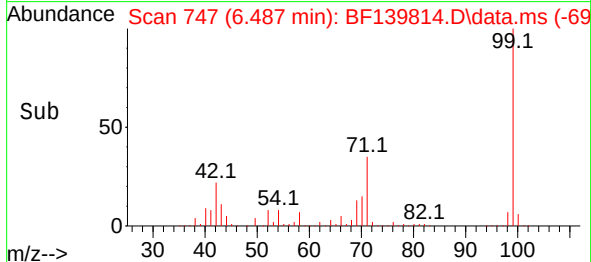
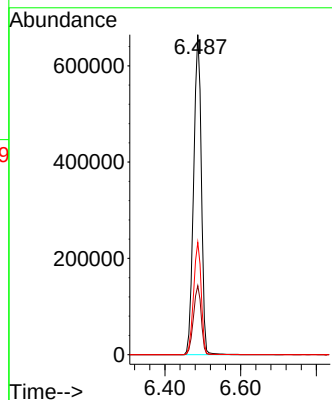
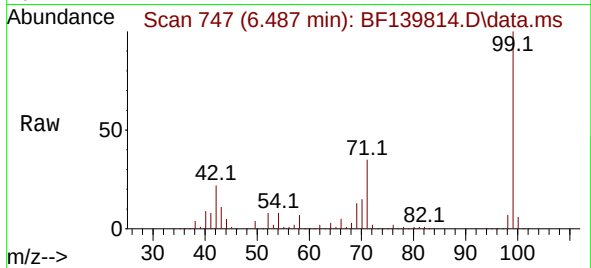




#7
Phenol-d6
Concen: 134.422 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

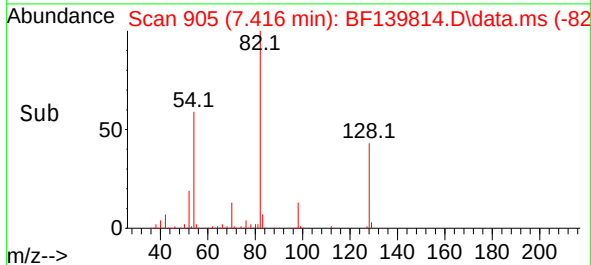
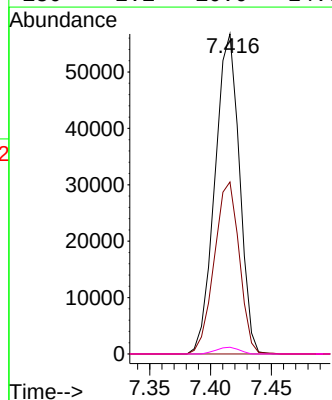
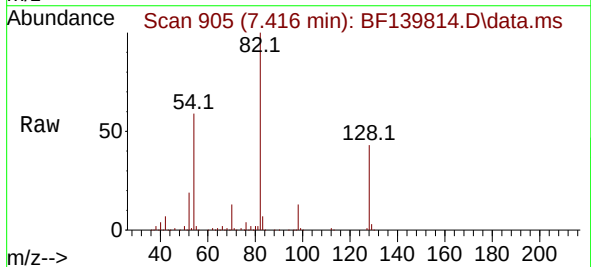
Instrument :
BNA_F
ClientSampleId :
PB164157BL

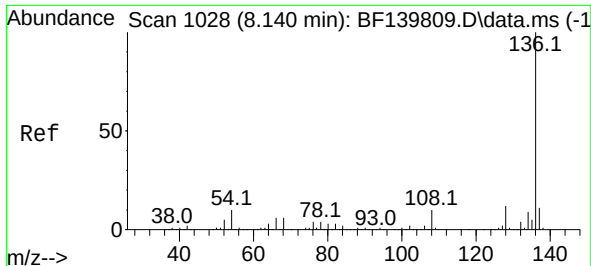
Tgt Ion: 99 Resp: 944548
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 35.1 27.8 41.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.440 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.147 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

Tgt Ion: 70 Resp: 79545
Ion Ratio Lower Upper
70 100
42 53.8 55.8 83.6#
101 0.0 7.4 11.0#
130 2.1 16.0 24.0#



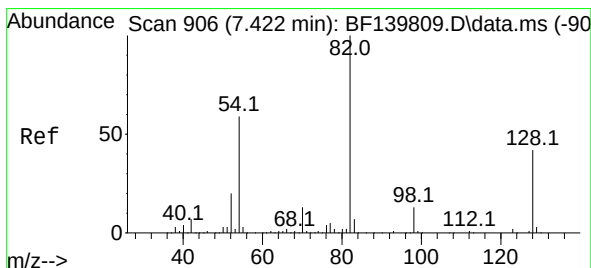
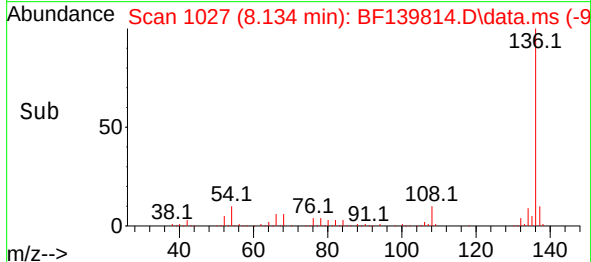
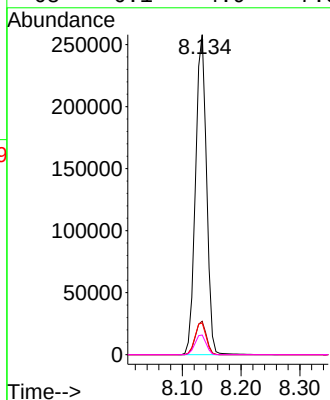
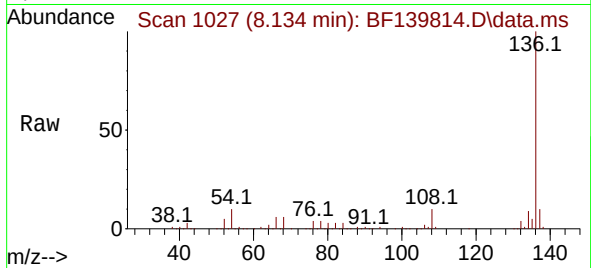


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

Instrument :
BNA_F
ClientSampleId :
PB164157BL

Tgt Ion:136 Resp: 334998

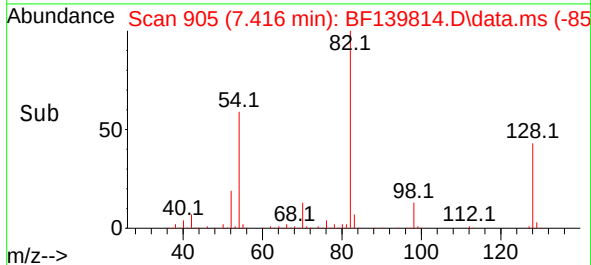
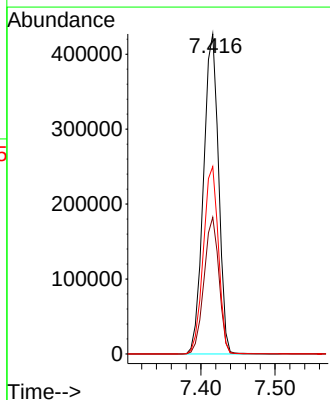
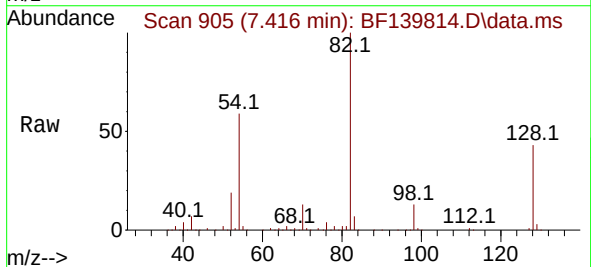
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	9.9	7.7	11.5
68	6.1	4.9	7.3

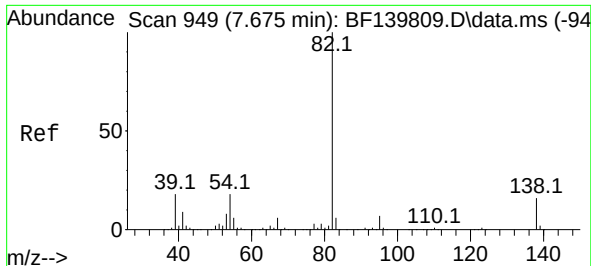


#23
Nitrobenzene-d5
Concen: 92.752 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

Tgt Ion: 82 Resp: 603681

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.9	50.9
54	58.5	46.9	70.3

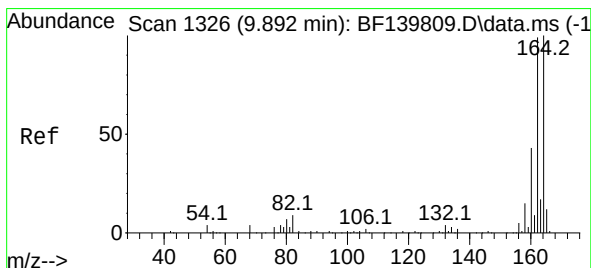
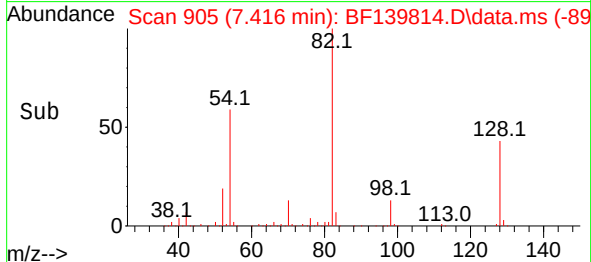
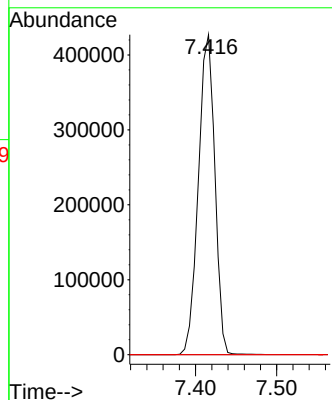
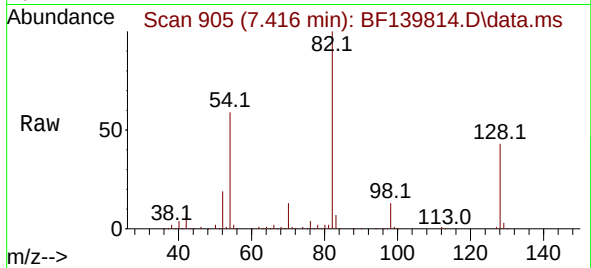




#25
Isophorone
Concen: 54.163 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

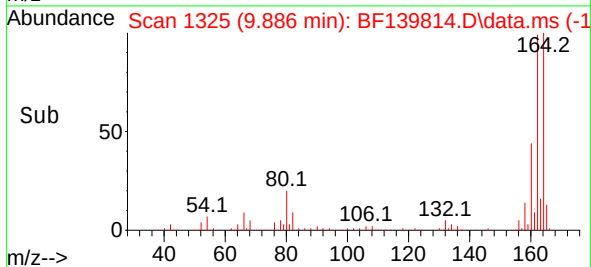
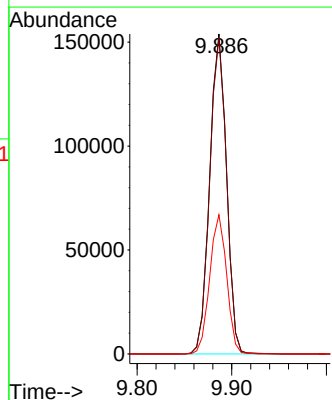
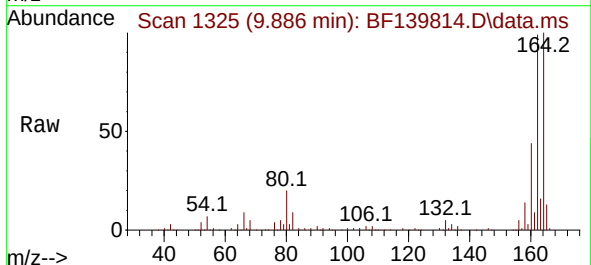
Instrument :
BNA_F
ClientSampleId :
PB164157BL

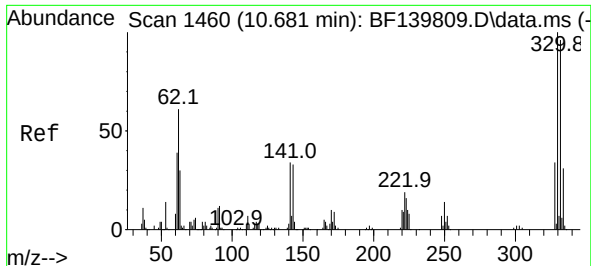
Tgt Ion: 82 Resp: 601612
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

Tgt Ion:164 Resp: 189711
Ion Ratio Lower Upper
164 100
162 98.8 79.1 118.7
160 43.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 139.296 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF139814.D

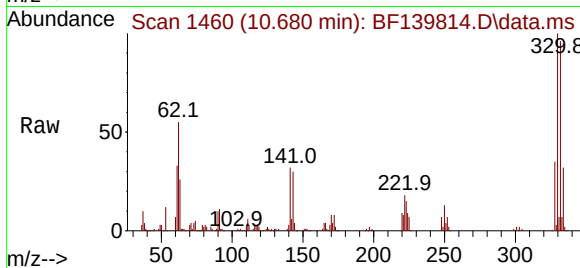
Acq: 15 Oct 2024 16:07

Instrument :

BNA_F

ClientSampleId :

PB164157BL



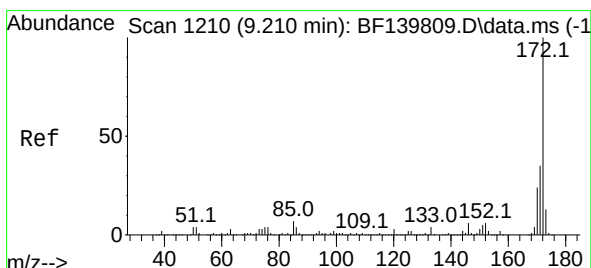
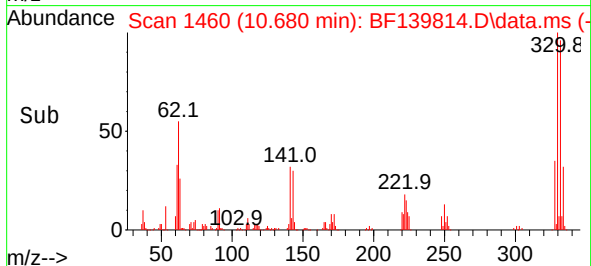
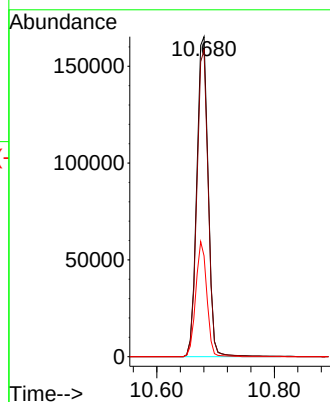
Tgt Ion:330 Resp: 222872

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

141 34.8 27.8 41.6



#45

2-Fluorobiphenyl

Concen: 87.815 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF139814.D

Acq: 15 Oct 2024 16:07

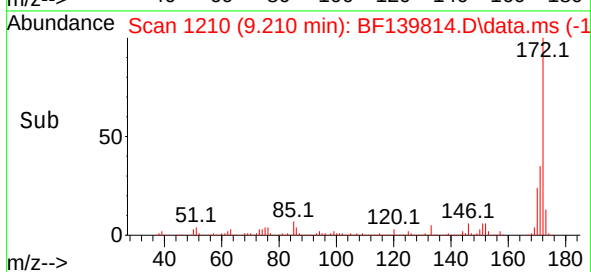
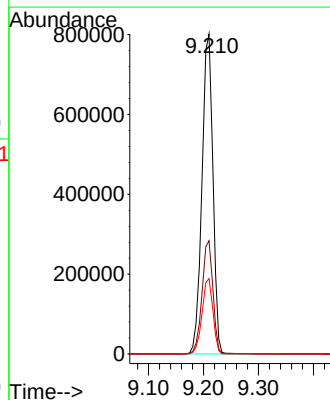
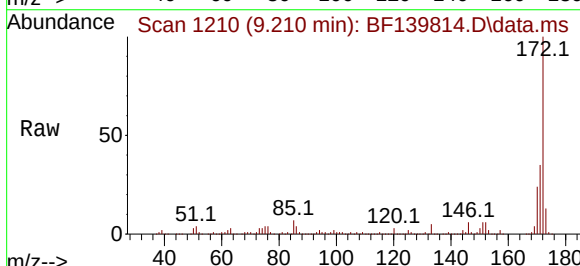
Tgt Ion:172 Resp: 1113832

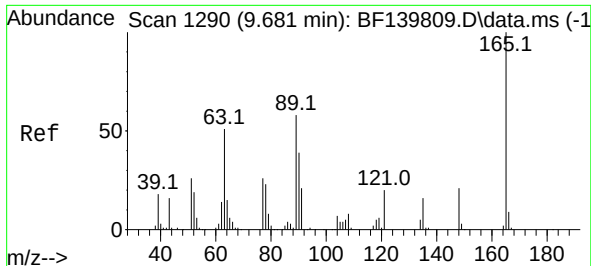
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.6 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.110 ng

RT: 9.886 min Scan# 1325

Delta R.T. 0.206 min

Lab File: BF139814.D

Acq: 15 Oct 2024 16:07

Instrument :

BNA_F

ClientSampleId :

PB164157BL

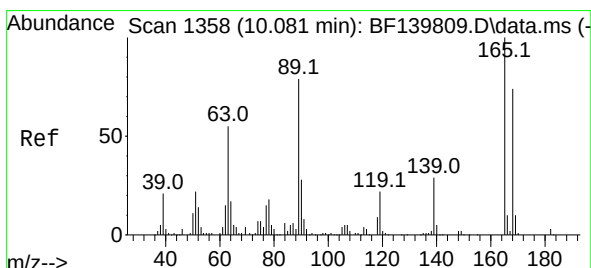
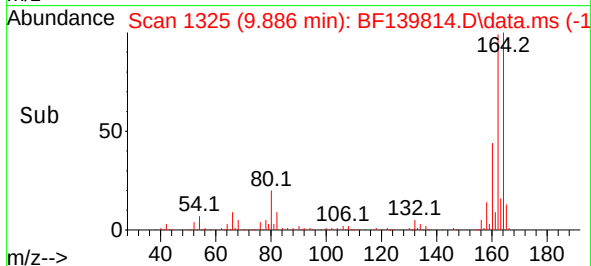
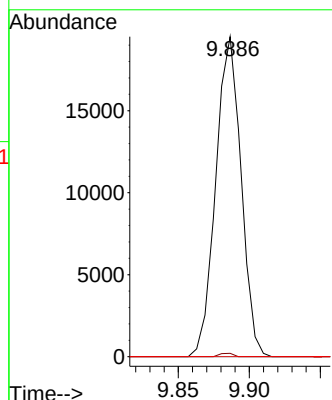
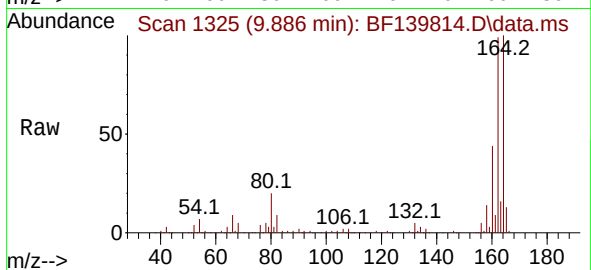
Tgt Ion:165 Resp: 24138

Ion Ratio Lower Upper

165 100

63 1.0 50.0 75.0#

89 0.0 46.8 70.2#



#57

2,4-Dinitrotoluene

Concen: 7.379 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.195 min

Lab File: BF139814.D

Acq: 15 Oct 2024 16:07

Tgt Ion:165 Resp: 24138

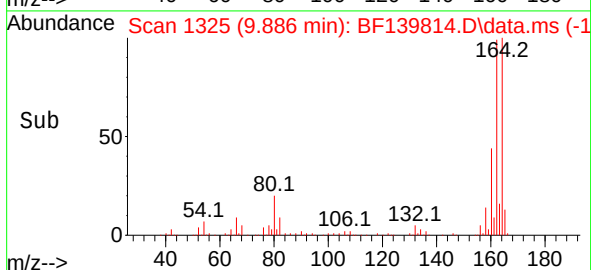
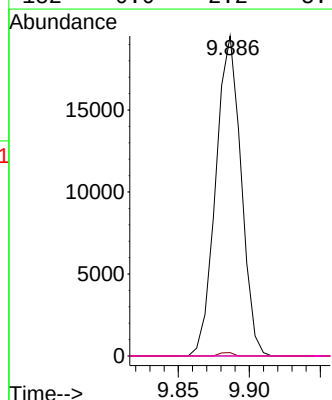
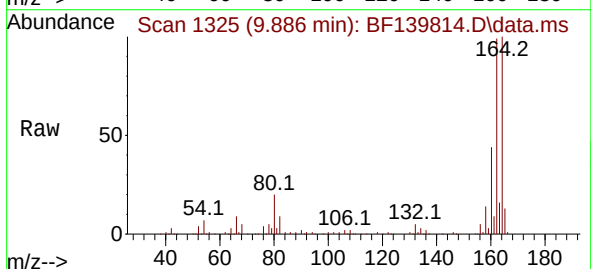
Ion Ratio Lower Upper

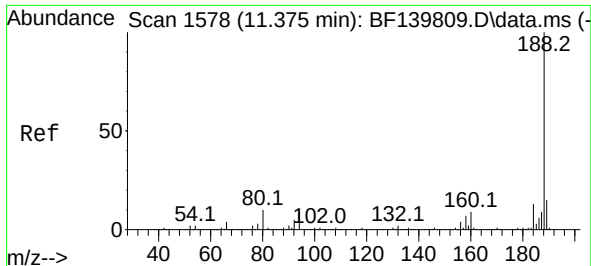
165 100

63 1.0 44.7 67.1#

89 0.0 63.1 94.7#

182 0.0 2.2 3.4#

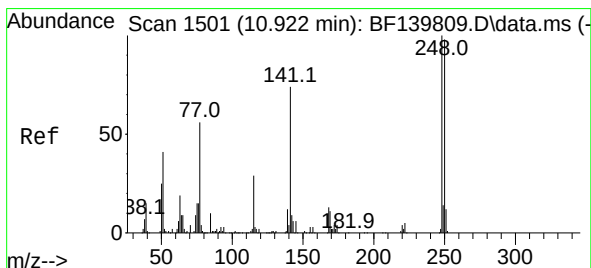
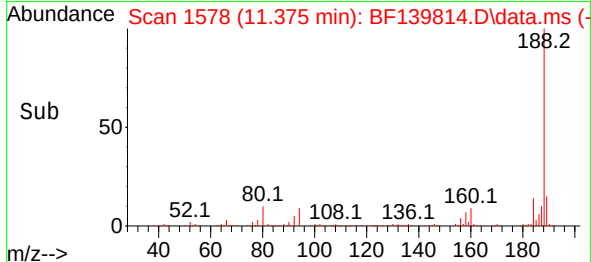
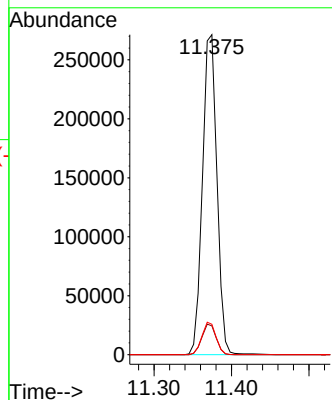
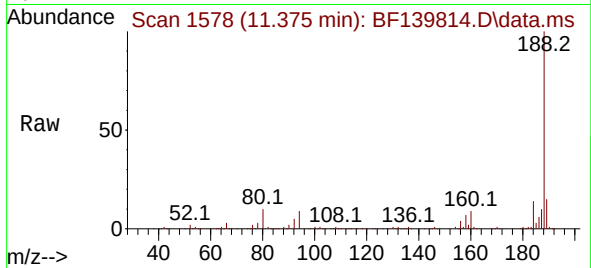




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

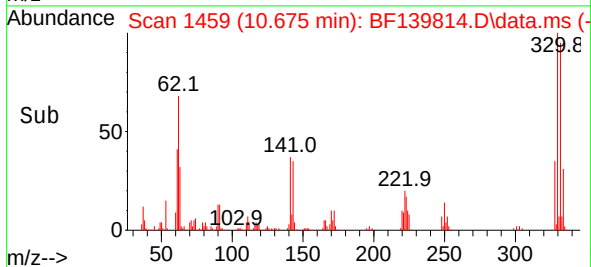
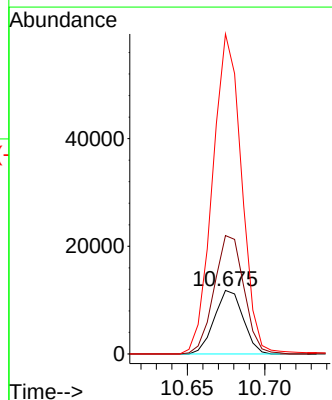
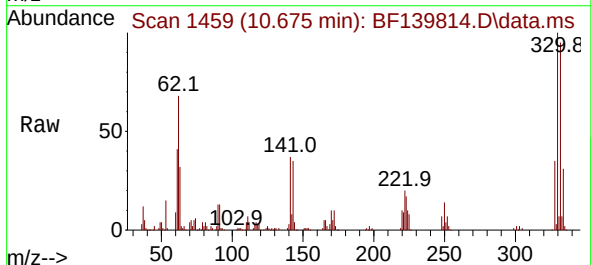
Instrument :
BNA_F
ClientSampleId :
PB164157BL

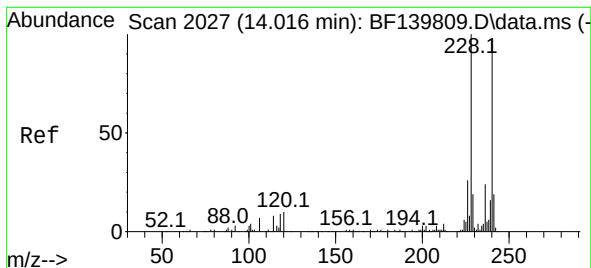
Tgt Ion:188 Resp: 352336
Ion Ratio Lower Upper
188 100
94 9.0 7.3 10.9
80 9.5 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.021 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.247 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

Tgt Ion:248 Resp: 15264
Ion Ratio Lower Upper
248 100
250 186.5 78.7 118.1#
141 504.2 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF139814.D

Acq: 15 Oct 2024 16:07

Instrument :

BNA_F

ClientSampleId :

PB164157BL

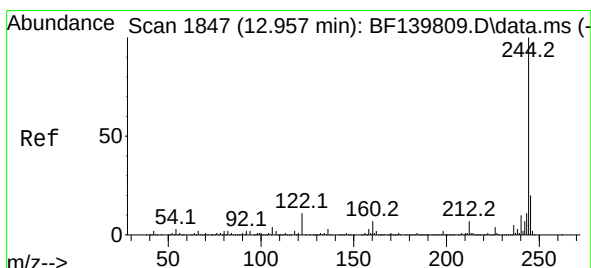
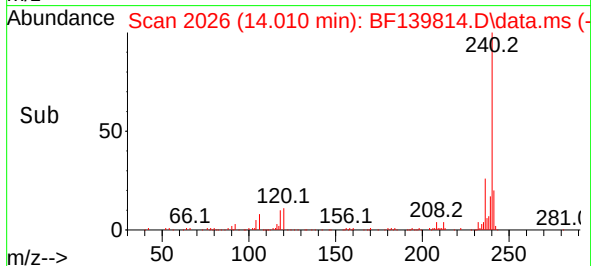
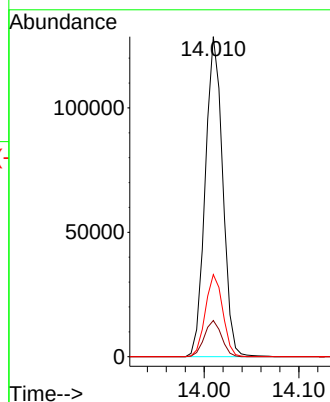
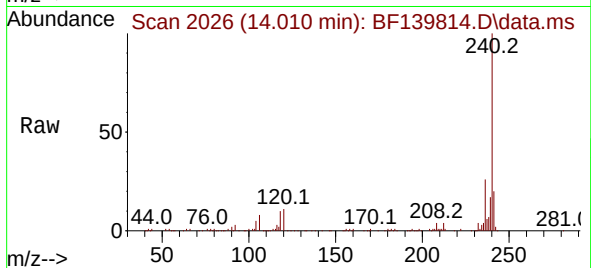
Tgt Ion:240 Resp: 164626

Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

236 25.6 20.0 30.0



#79

Terphenyl-d14

Concen: 153.127 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF139814.D

Acq: 15 Oct 2024 16:07

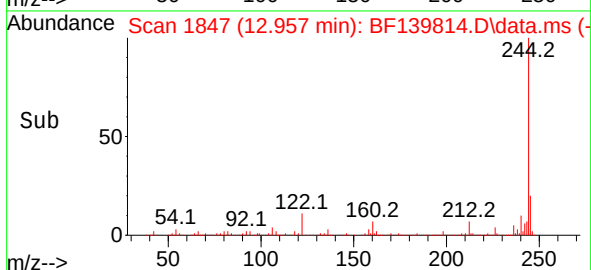
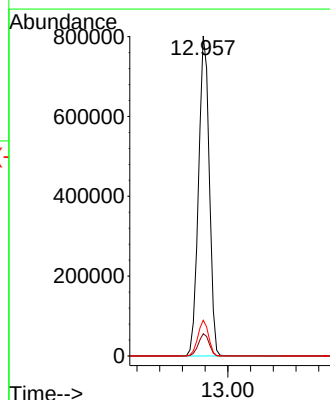
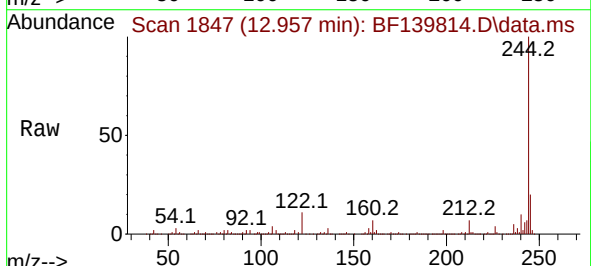
Tgt Ion:244 Resp: 1058428

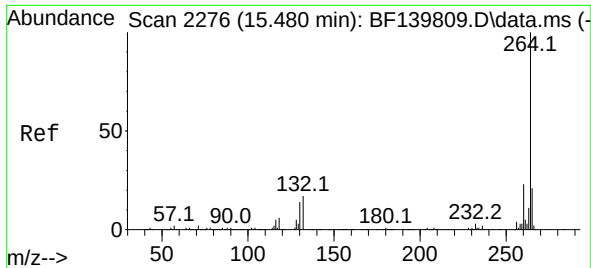
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.1 8.9 13.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139814.D
 Acq: 15 Oct 2024 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB164157BL

Tgt Ion:264 Resp: 162439
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 22.4 17.2 25.8

