

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
 Data File : BF139571.D
 Acq On : 30 Sep 2024 11:31
 Operator : RC/JU
 Sample : PB163737BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163737BL

Quant Time: Sep 30 12:53:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

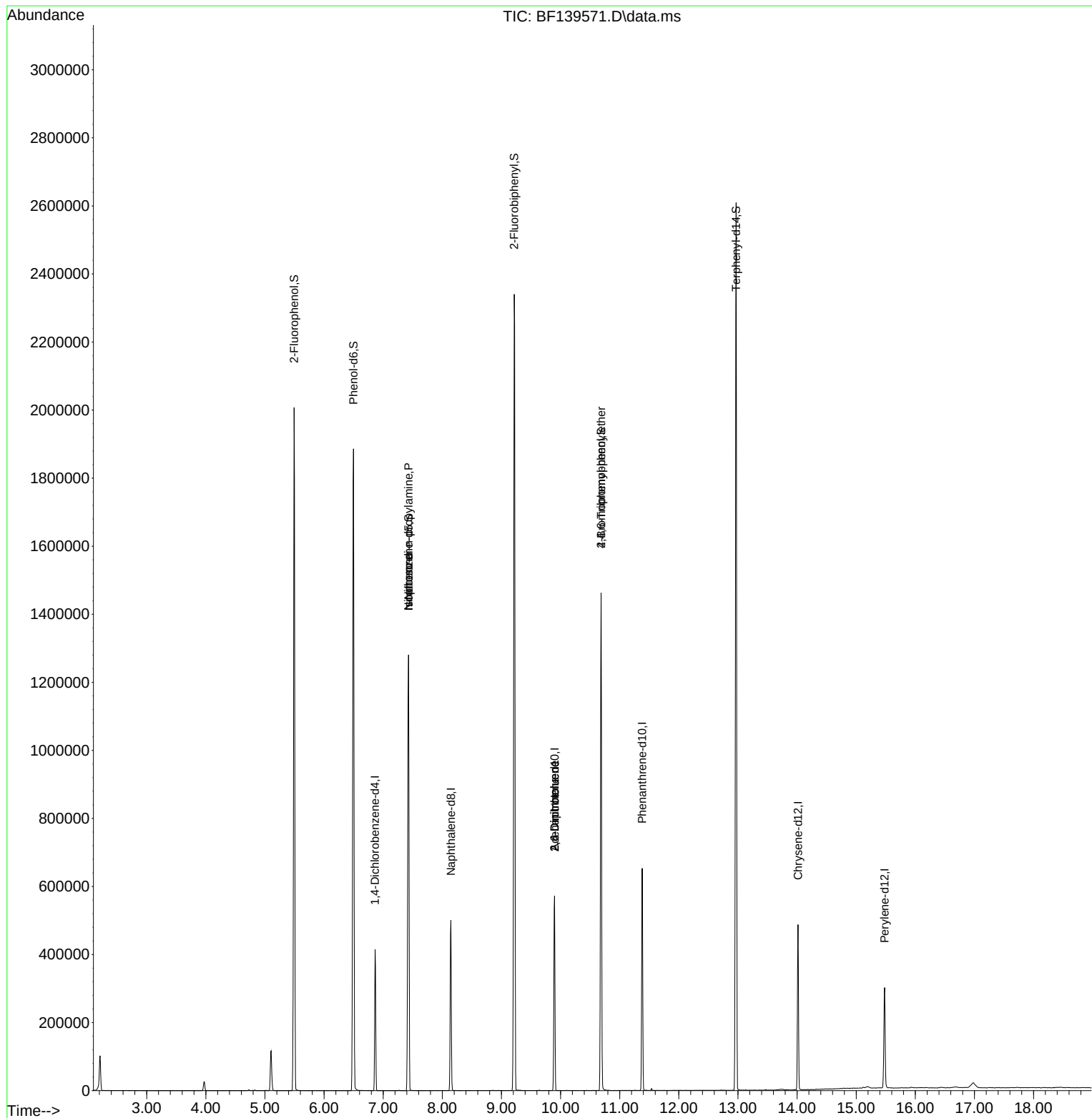
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82770	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	311479	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	172182	20.000	ng	-0.02
64) Phenanthrene-d10	11.380	188	337555	20.000	ng	#-0.02
76) Chrysene-d12	14.015	240	226019	20.000	ng	#-0.02
86) Perylene-d12	15.480	264	171195	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	685271	135.063	ng	0.00
7) Phenol-d6	6.498	99	899816	135.116	ng	0.00
23) Nitrobenzene-d5	7.428	82	593992	89.651	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	226255	123.429	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1095518	89.236	ng	-0.02
79) Terphenyl-d14	12.969	244	1274042	92.523	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	80413	20.376	ng	# 75
25) Isophorone	7.428	82	592669	56.561	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	22507	8.990	ng	# 15
57) 2,4-Dinitrotoluene	9.898	165	22507	6.659	ng	# 16
67) 4-Bromophenyl-phenylether	10.686	248	15848	4.738	ng	# 1

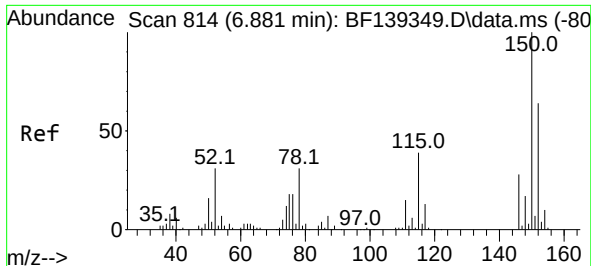
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
Data File : BF139571.D
Acq On : 30 Sep 2024 11:31
Operator : RC/JU
Sample : PB163737BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163737BL

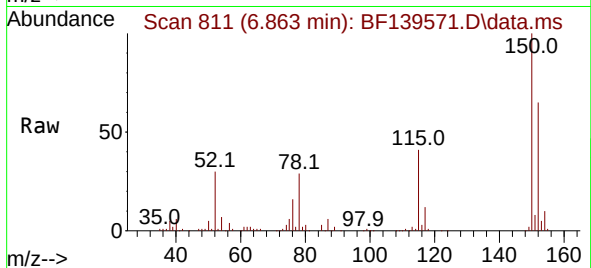
Quant Time: Sep 30 12:53:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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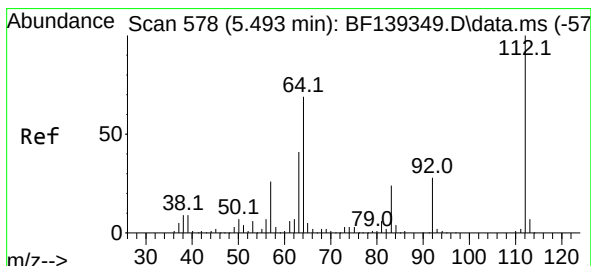
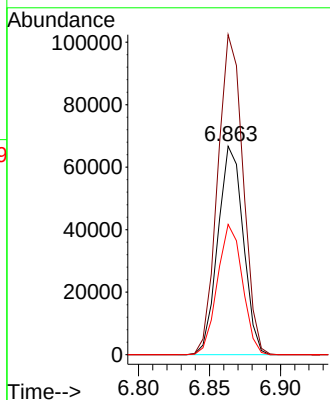
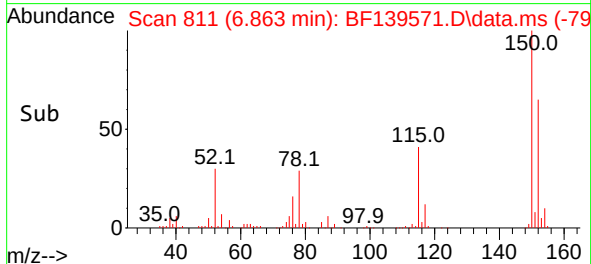


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF139571.D
Acq: 30 Sep 2024 11:31

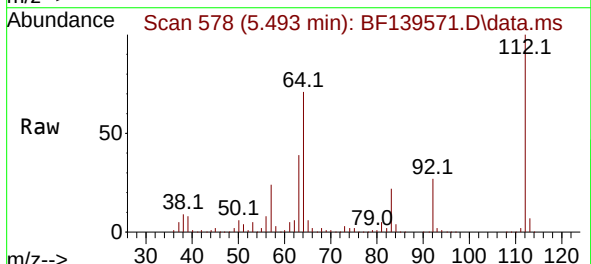
Instrument :
BNA_F
ClientSampleId :
PB163737BL



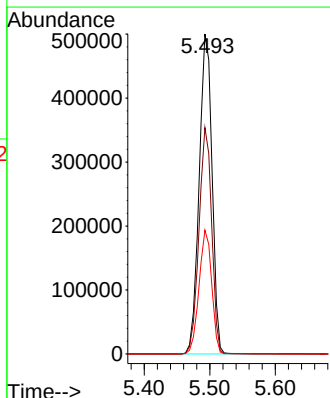
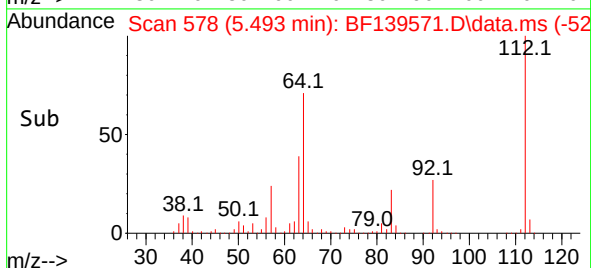
Tgt Ion:152 Resp: 82770
Ion Ratio Lower Upper
152 100
150 153.5 124.1 186.1
115 62.5 48.1 72.1

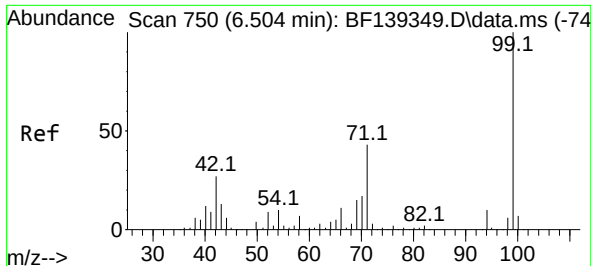


#5
2-Fluorophenol
Concen: 135.063 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF139571.D
Acq: 30 Sep 2024 11:31



Tgt Ion:112 Resp: 685271
Ion Ratio Lower Upper
112 100
64 70.7 54.8 82.2
63 38.7 33.0 49.4

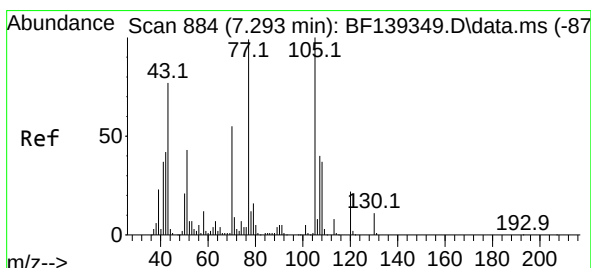
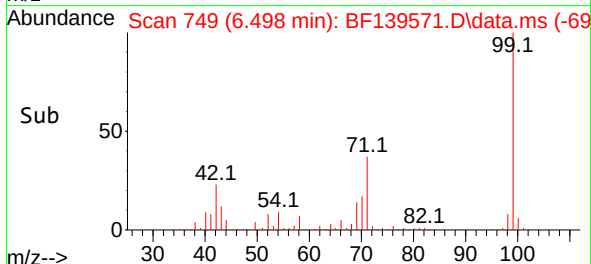
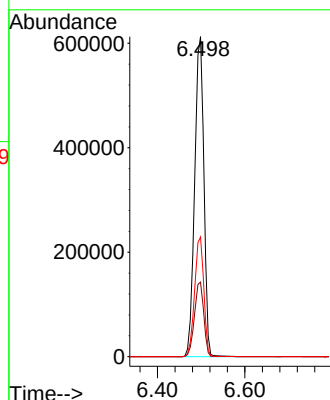
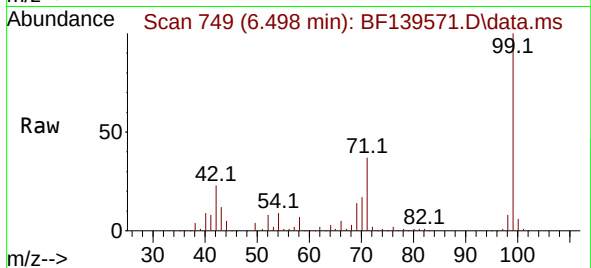




#7
Phenol-d6
Concen: 135.116 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139571.D
Acq: 30 Sep 2024 11:31

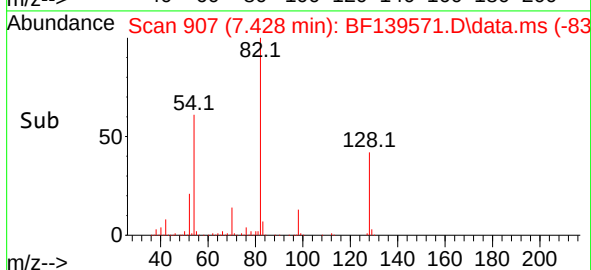
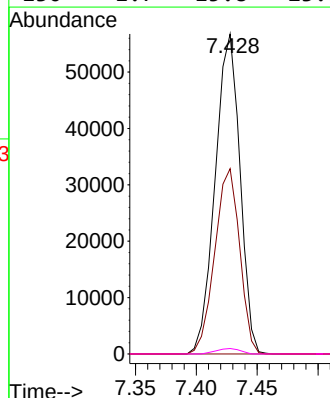
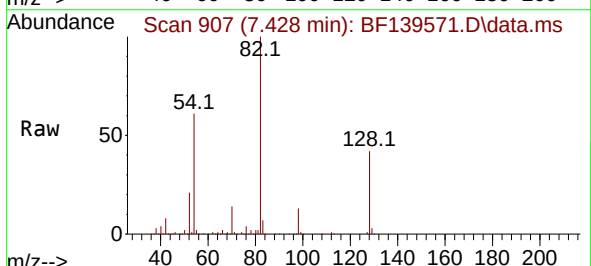
Instrument :
BNA_F
ClientSampleId :
PB163737BL

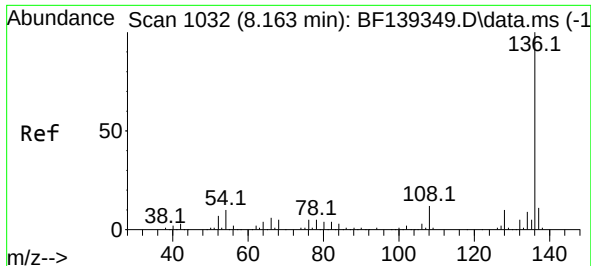
Tgt Ion: 99 Resp: 899816
Ion Ratio Lower Upper
99 100
42 23.3 21.9 32.9
71 37.4 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.376 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF139571.D
Acq: 30 Sep 2024 11:31

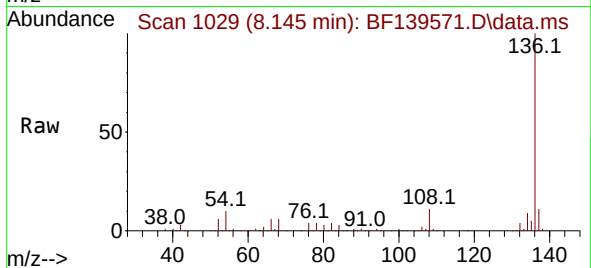
Tgt Ion: 70 Resp: 80413
Ion Ratio Lower Upper
70 100
42 57.9 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#



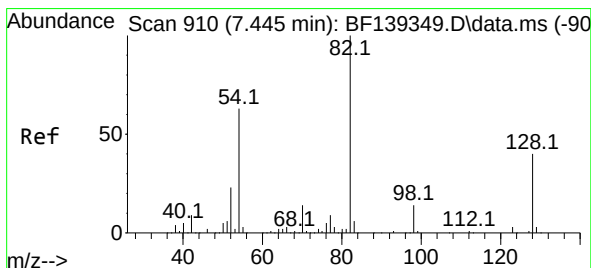
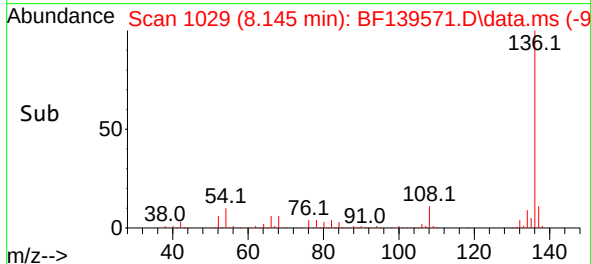
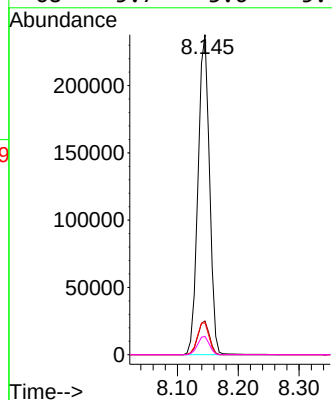


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF139571.D
Acq: 30 Sep 2024 11:31

Instrument :
BNA_F
ClientSampleId :
PB163737BL

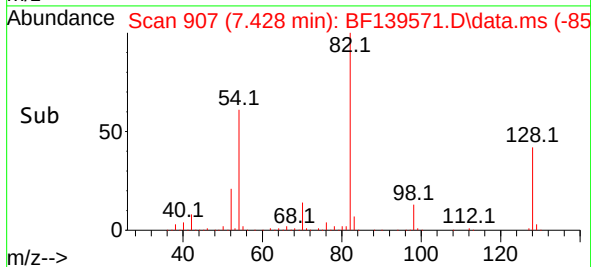
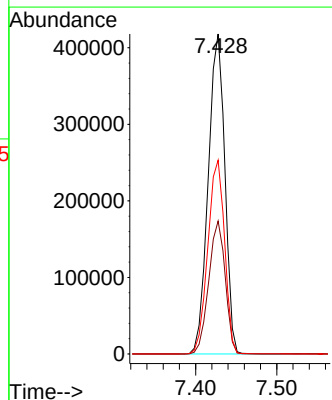
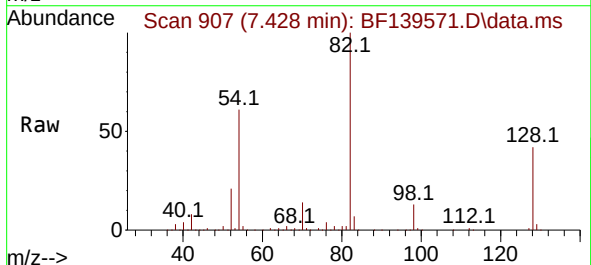


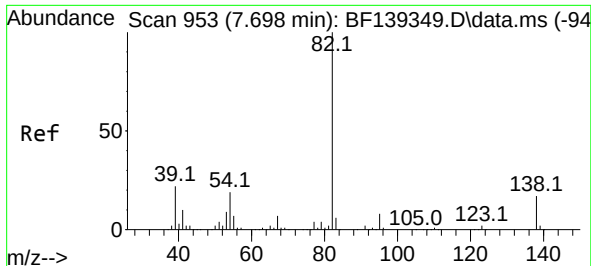
Tgt Ion:136 Resp: 311479
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 10.0 7.8 11.8
68 5.7 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 89.651 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF139571.D
Acq: 30 Sep 2024 11:31

Tgt Ion: 82 Resp: 593992
Ion Ratio Lower Upper
82 100
128 41.5 31.8 47.6
54 60.5 50.6 75.8

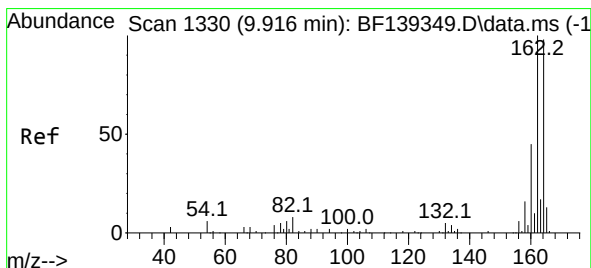
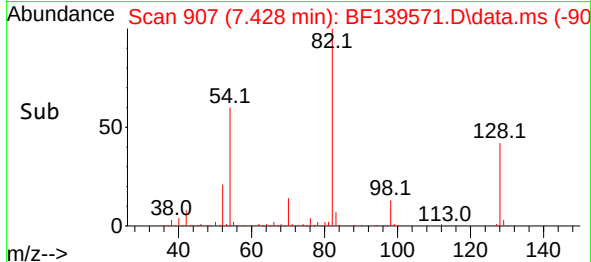
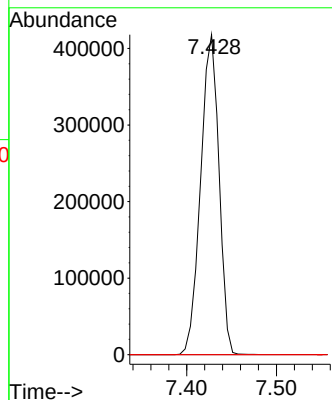
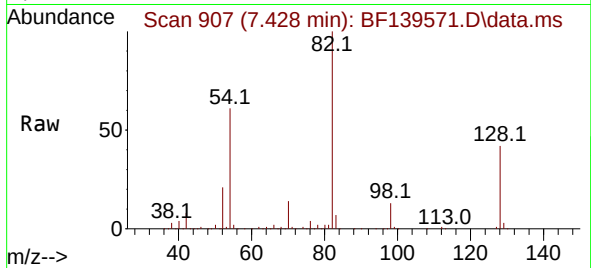




#25
Isophorone
Concen: 56.561 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139571.D
Acq: 30 Sep 2024 11:31

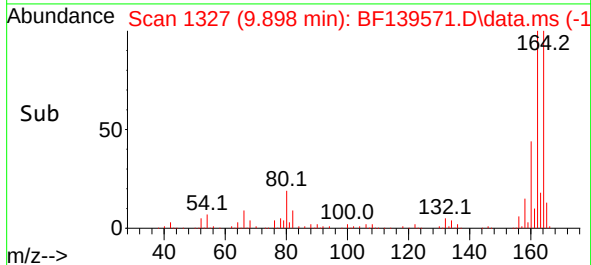
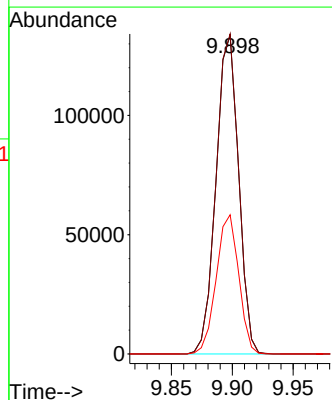
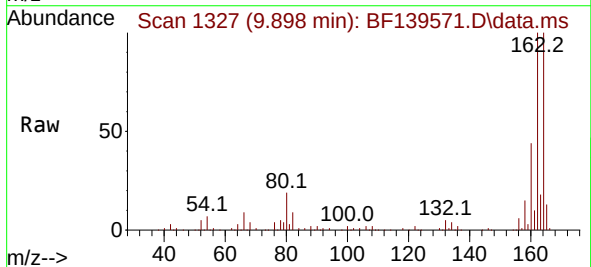
Instrument :
BNA_F
ClientSampleId :
PB163737BL

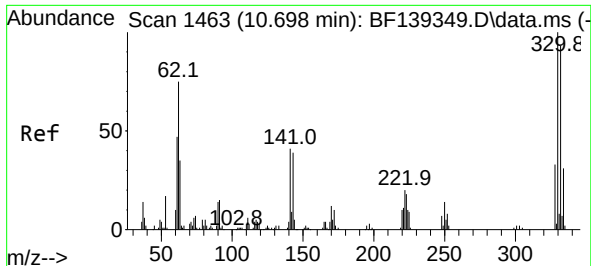
Tgt Ion: 82 Resp: 592669
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF139571.D
Acq: 30 Sep 2024 11:31

Tgt Ion:164 Resp: 172182
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 43.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 123.429 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139571.D

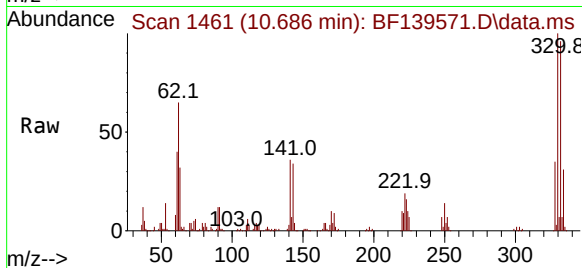
Acq: 30 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB163737BL



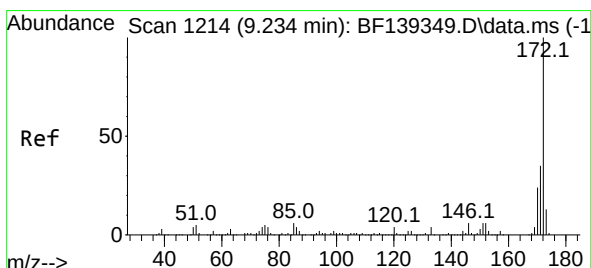
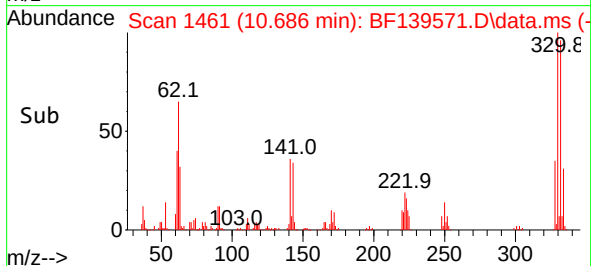
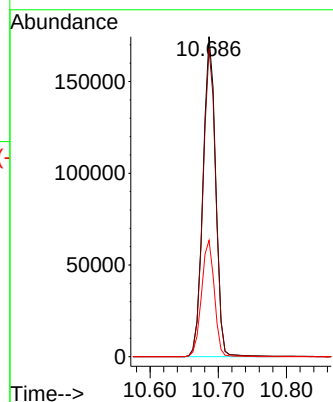
Tgt Ion:330 Resp: 226255

Ion Ratio Lower Upper

330 100

332 96.6 75.2 112.8

141 36.6 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 89.236 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF139571.D

Acq: 30 Sep 2024 11:31

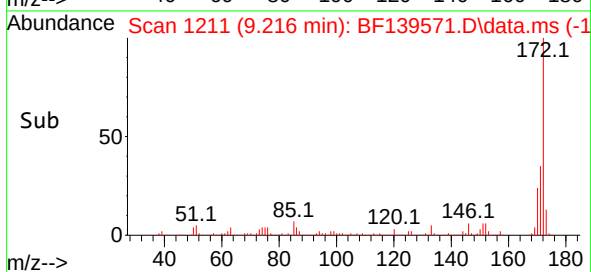
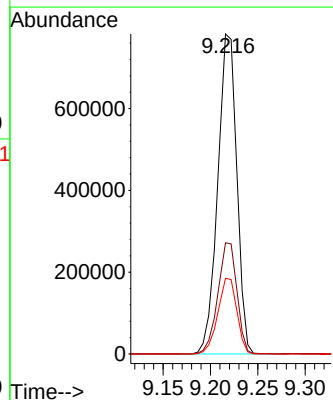
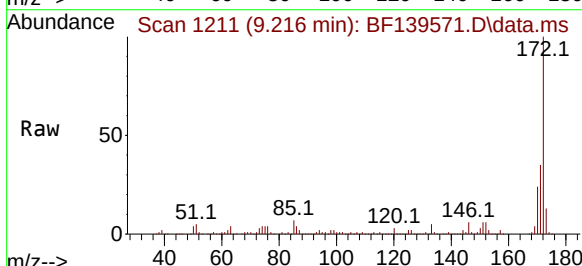
Tgt Ion:172 Resp: 1095518

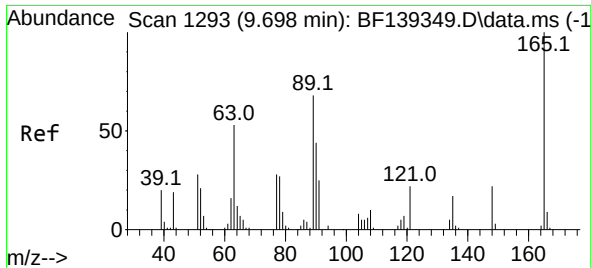
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.7 19.0 28.6

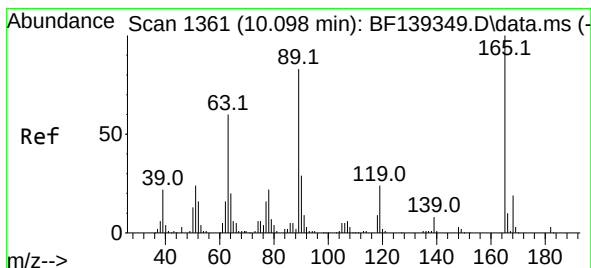
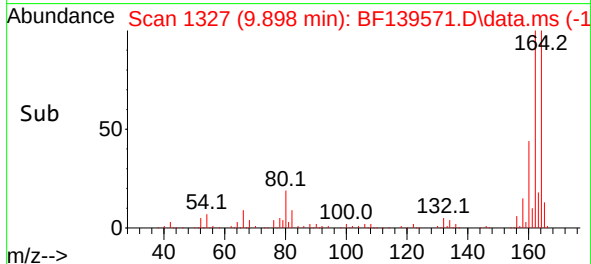
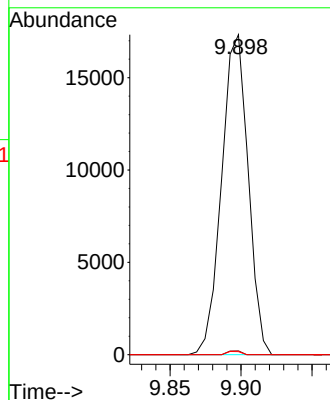
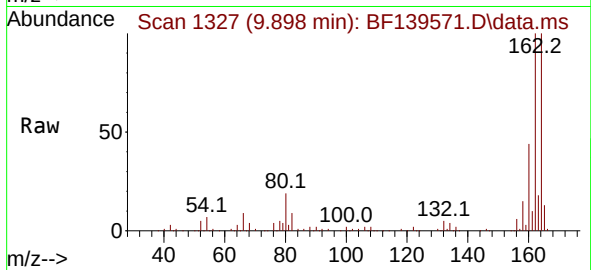




#51
2,6-Dinitrotoluene
Concen: 8.990 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF139571.D
Acq: 30 Sep 2024 11:31

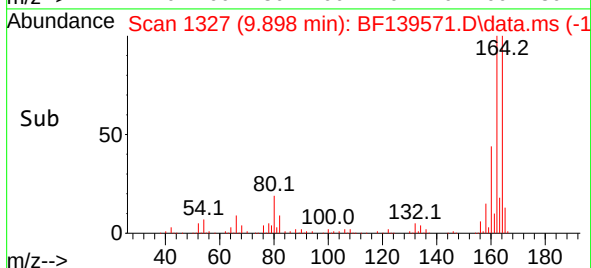
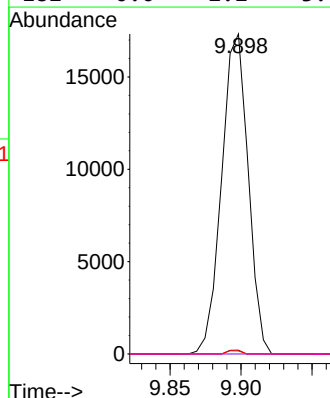
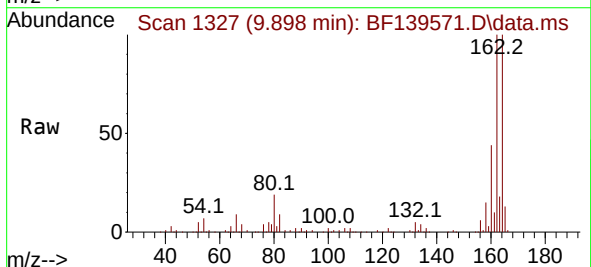
Instrument :
BNA_F
ClientSampleId :
PB163737BL

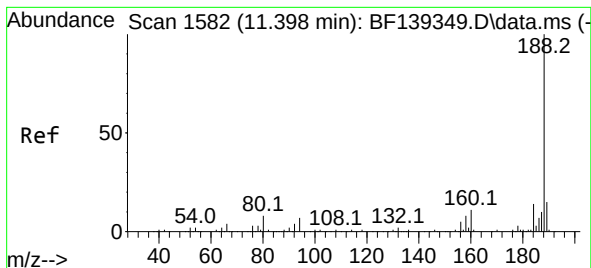
Tgt Ion:165 Resp: 22507
Ion Ratio Lower Upper
165 100
63 1.2 60.9 91.3#
89 1.0 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.659 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139571.D
Acq: 30 Sep 2024 11:31

Tgt Ion:165 Resp: 22507
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.6#
89 1.0 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF139571.D

Acq: 30 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB163737BL

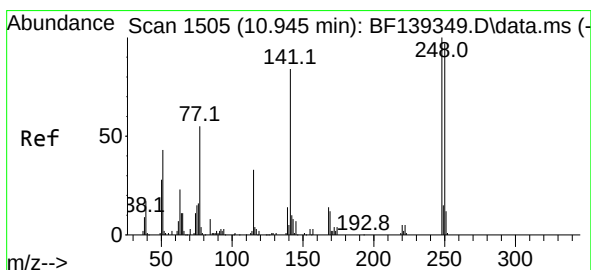
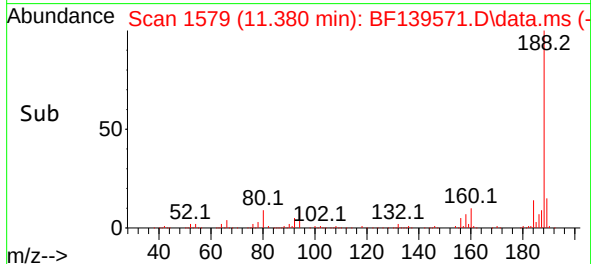
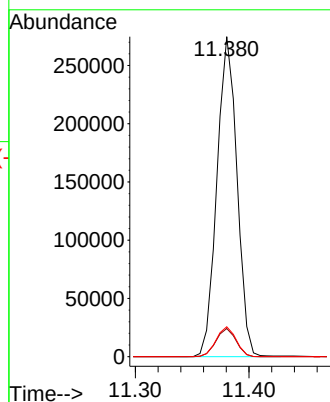
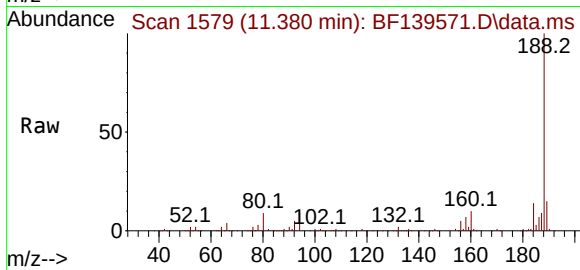
Tgt Ion:188 Resp: 337555

Ion Ratio Lower Upper

188 100

94 8.8 5.5 8.3#

80 9.3 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.738 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.259 min

Lab File: BF139571.D

Acq: 30 Sep 2024 11:31

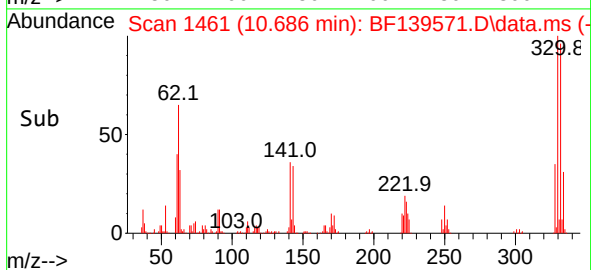
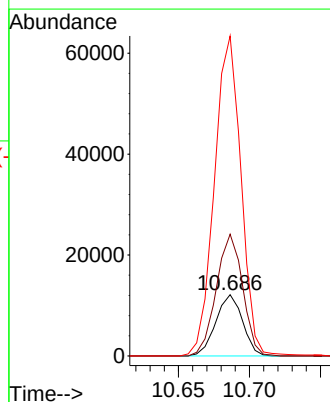
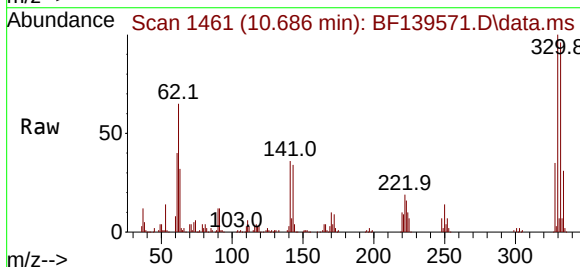
Tgt Ion:248 Resp: 15848

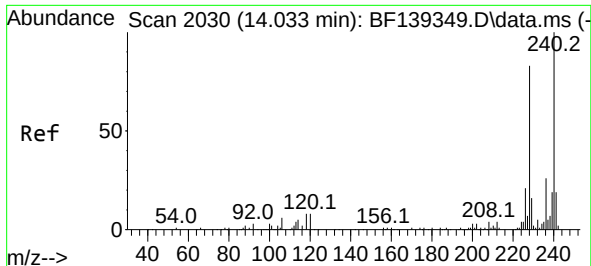
Ion Ratio Lower Upper

248 100

250 198.7 77.6 116.4#

141 521.9 66.9 100.3#

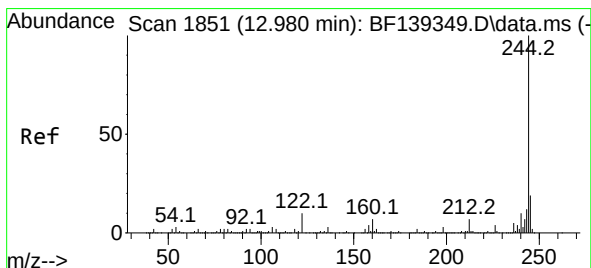
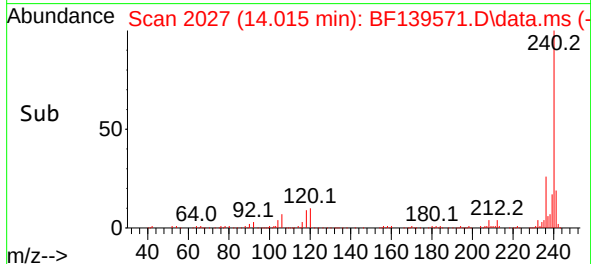
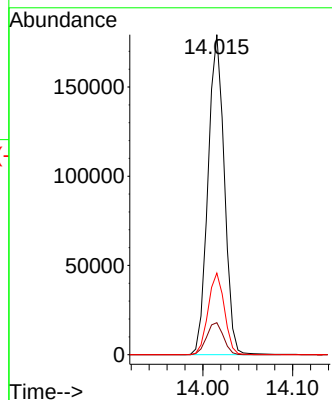
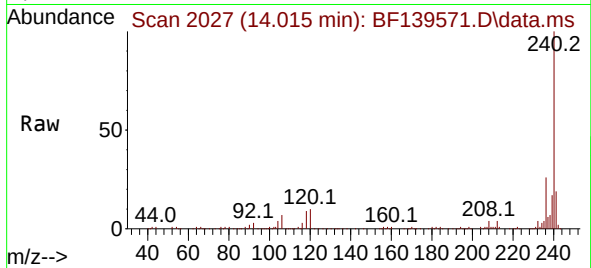




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF139571.D
Acq: 30 Sep 2024 11:31

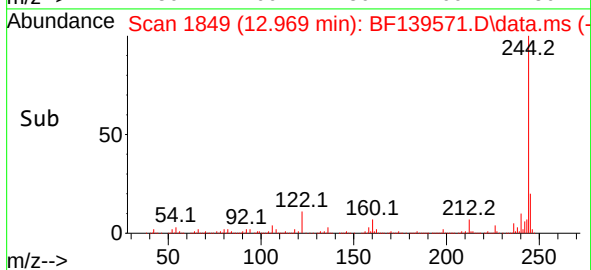
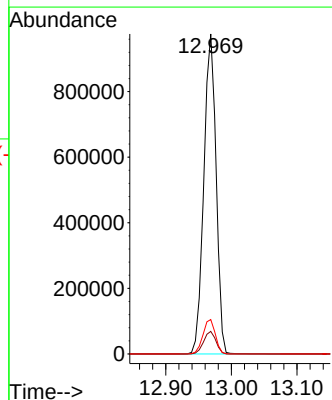
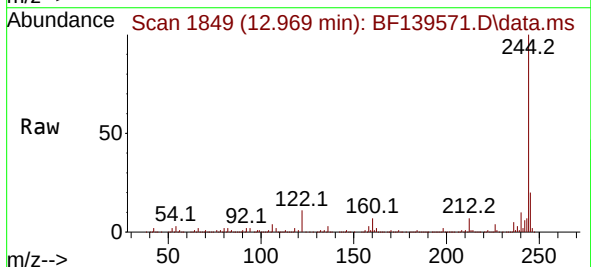
Instrument :
BNA_F
ClientSampleId :
PB163737BL

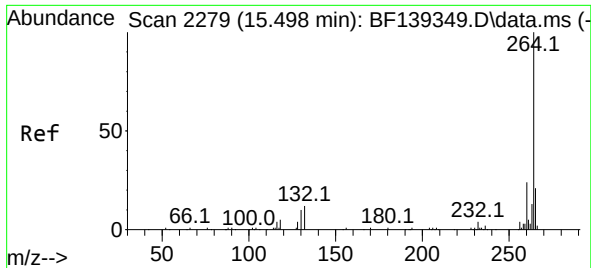
Tgt Ion:240 Resp: 226019
Ion Ratio Lower Upper
240 100
120 10.0 6.2 9.2#
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 92.523 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF139571.D
Acq: 30 Sep 2024 11:31

Tgt Ion:244 Resp: 1274042
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.7 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF139571.D
 Acq: 30 Sep 2024 11:31

Instrument :
 BNA_F
 ClientSampleId :
 PB163737BL

Tgt Ion:264 Resp: 171195
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.3 16.6 25.0

