

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139877.D
 Acq On : 19 Oct 2024 17:49
 Operator : RC/JU
 Sample : P4425-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Oct 21 01:42:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

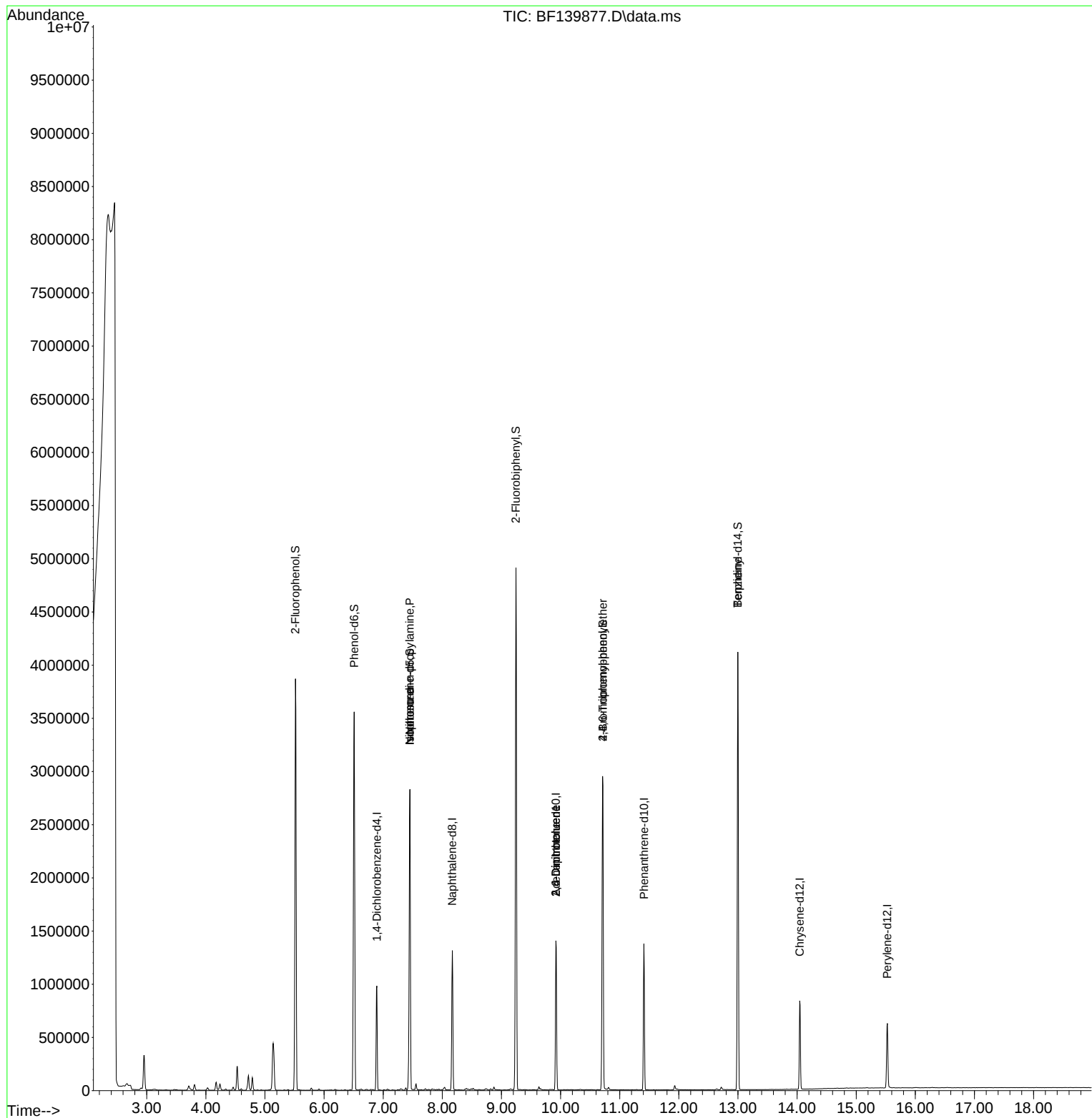
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	200976	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	775912	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	422411	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	695149	20.000	ng	0.00
76) Chrysene-d12	14.045	240	391319	20.000	ng	0.00
86) Perylene-d12	15.527	264	342377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1500735	116.899	ng	0.02
7) Phenol-d6	6.510	99	1804427	108.523	ng	0.00
23) Nitrobenzene-d5	7.451	82	1291812	92.275	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	537795	136.113	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2221584	86.920	ng	0.00
79) Terphenyl-d14	12.998	244	2038898	84.901	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	176168	17.469	ng	# 78
25) Isophorone	7.451	82	1289931	48.546	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	54805	9.620	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	54805	7.823	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	35249	4.922	ng	# 1
77) Benzidine	12.998	184	25409	3.949	ng	# 94

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

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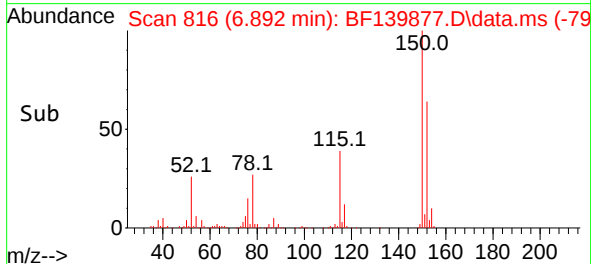
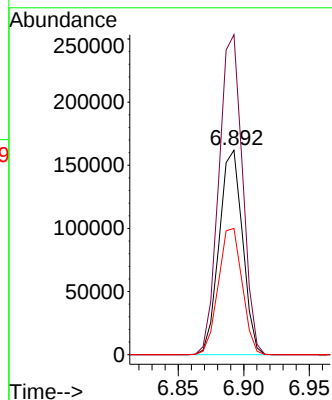
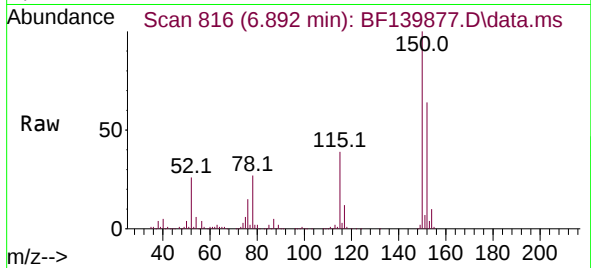




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139877.D
Acq: 19 Oct 2024 17:49

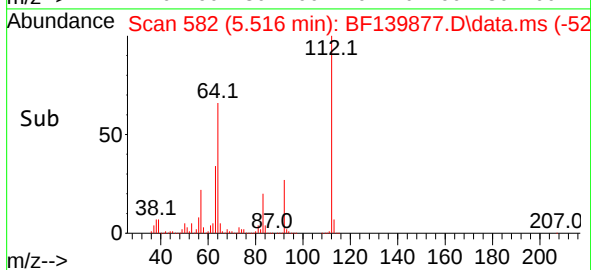
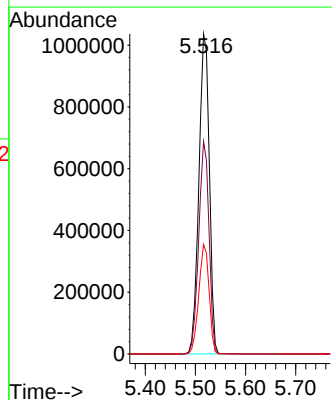
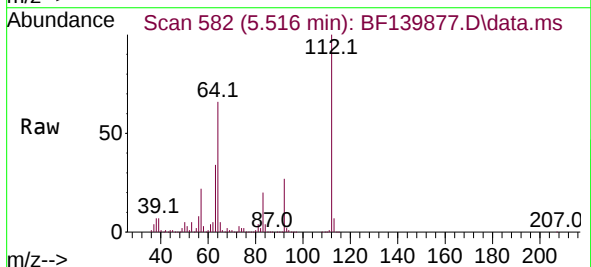
Instrument :
BNA_F
ClientSampleId :
TP-3

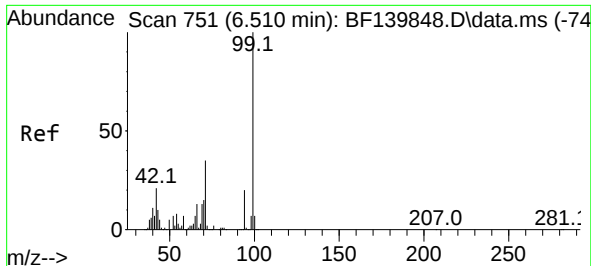
Tgt Ion:152 Resp: 200976
Ion Ratio Lower Upper
152 100
150 156.5 130.2 195.2
115 61.7 51.4 77.2



#5
2-Fluorophenol
Concen: 116.899 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139877.D
Acq: 19 Oct 2024 17:49

Tgt Ion:112 Resp: 1500735
Ion Ratio Lower Upper
112 100
64 66.4 53.0 79.6
63 34.2 27.0 40.4



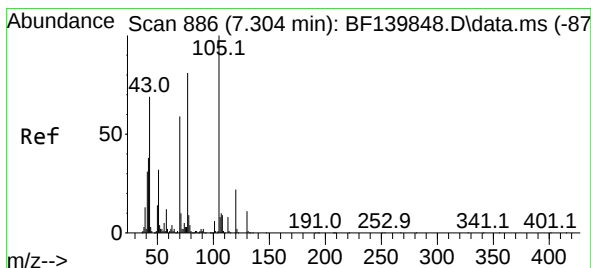
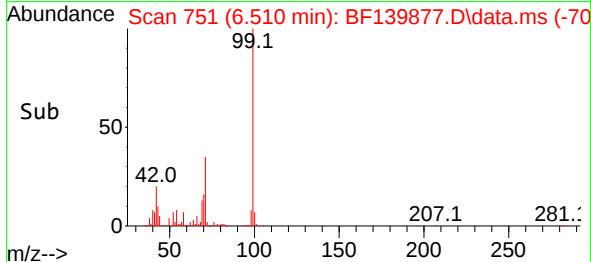
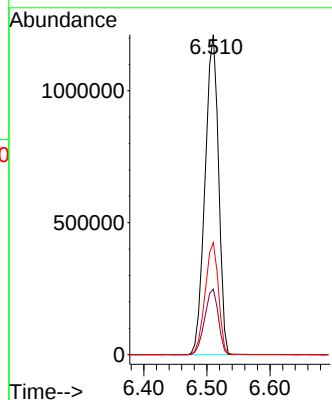
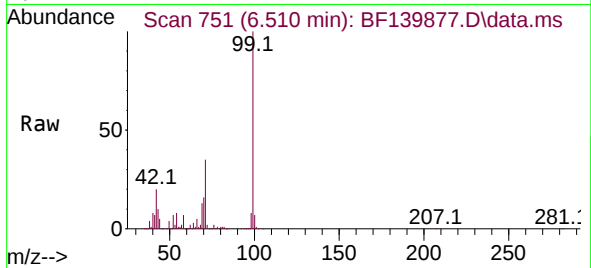


#7
Phenol-d6
Concen: 108.523 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139877.D
Acq: 19 Oct 2024 17:49

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 1804427

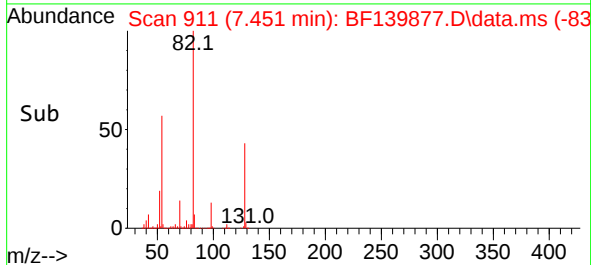
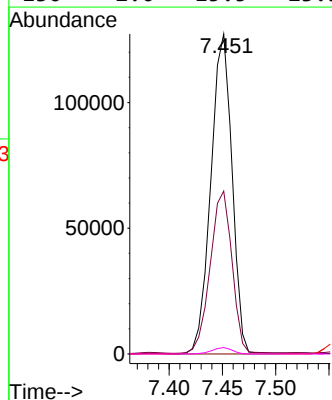
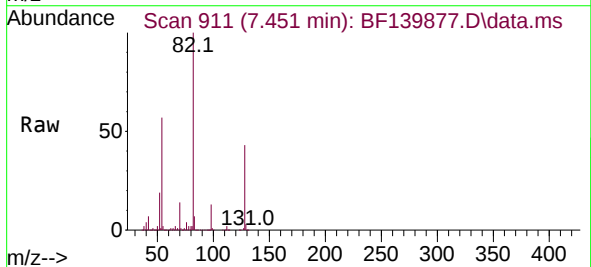
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.7	25.1
71	35.0	27.7	41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.469 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139877.D
Acq: 19 Oct 2024 17:49

Tgt Ion: 70 Resp: 176168

Ion	Ratio	Lower	Upper
70	100		
42	50.9	51.5	77.3#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#



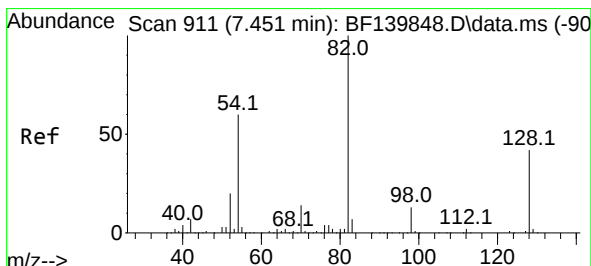
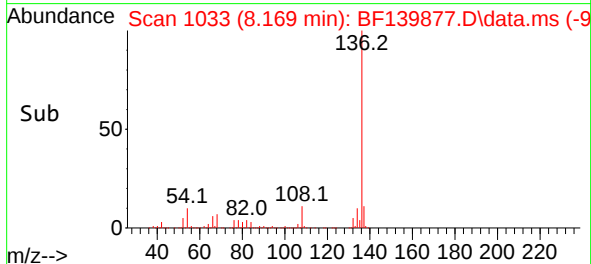
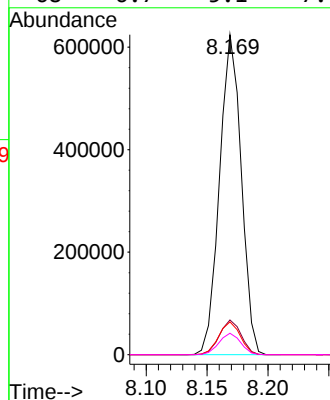
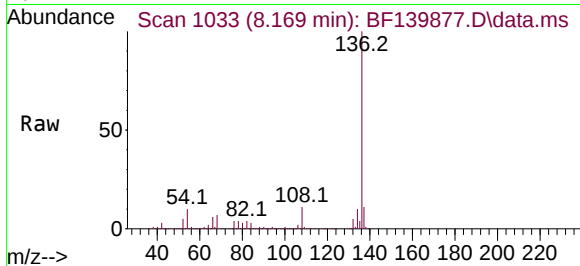


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139877.D
Acq: 19 Oct 2024 17:49

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 775912

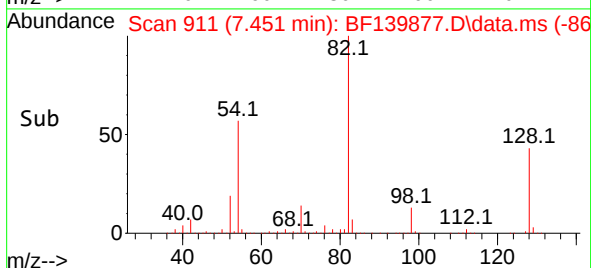
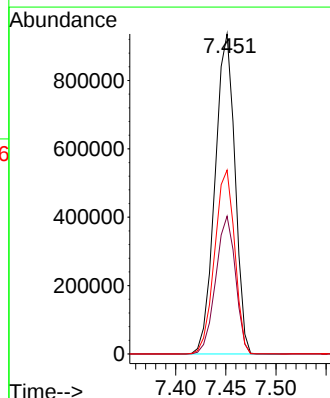
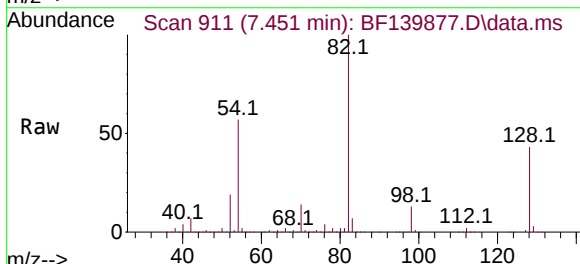
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.2	8.4	12.6
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 92.275 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139877.D
Acq: 19 Oct 2024 17:49

Tgt Ion: 82 Resp: 1291812

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	57.5	47.8	71.8

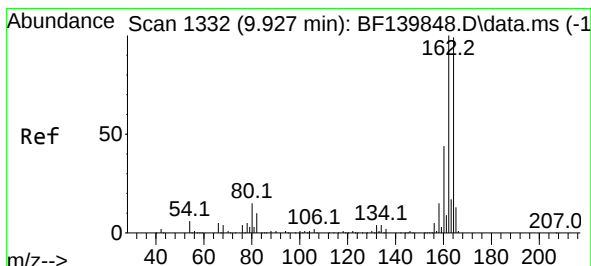
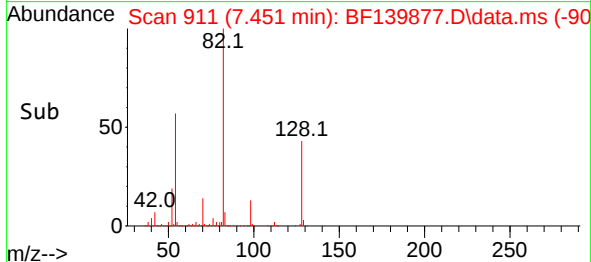
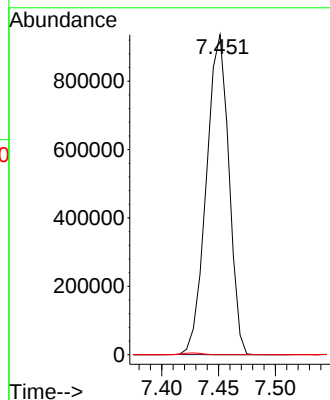
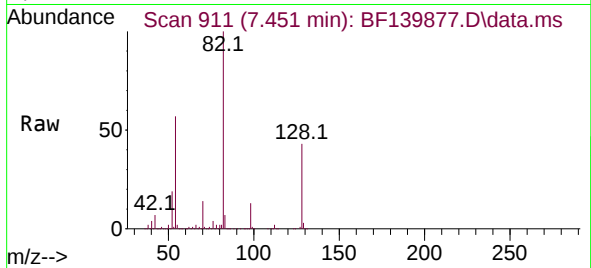




#25
Isophorone
Concen: 48.546 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139877.D
Acq: 19 Oct 2024 17:49

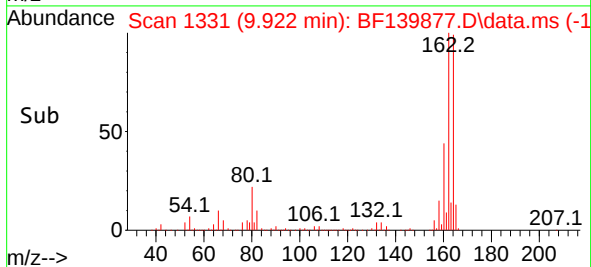
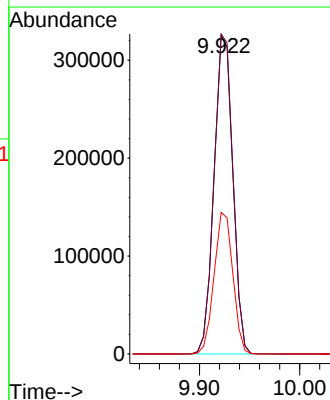
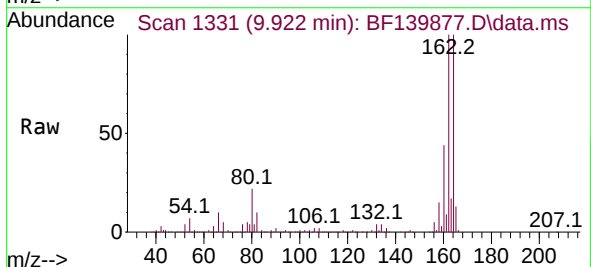
Instrument :
BNA_F
ClientSampleId :
TP-3

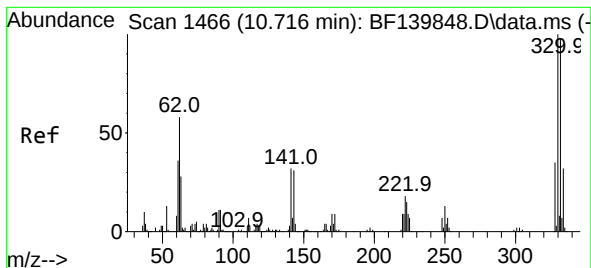
Tgt Ion: 82 Resp: 1289931
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139877.D
Acq: 19 Oct 2024 17:49

Tgt Ion:164 Resp: 422411
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 44.4 35.4 53.0

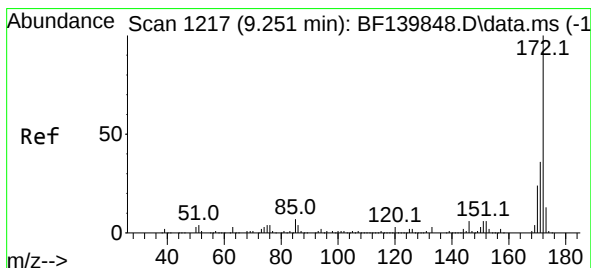
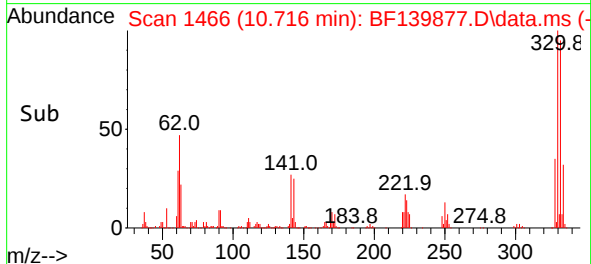
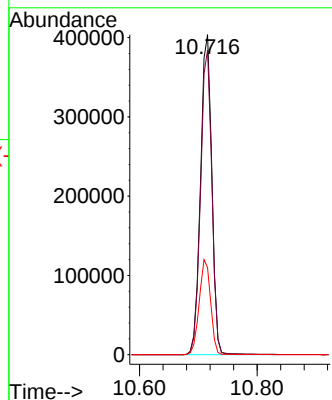
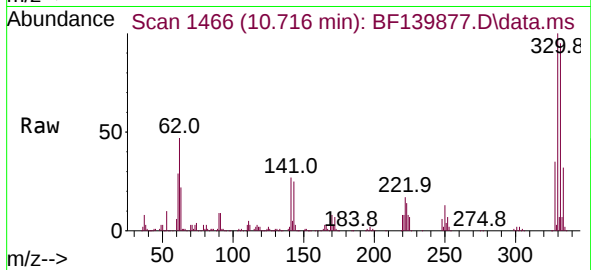




#42
 2,4,6-Tribromophenol
 Concen: 136.113 ng
 RT: 10.716 min Scan# 1466
 Delta R.T. 0.000 min
 Lab File: BF139877.D
 Acq: 19 Oct 2024 17:49

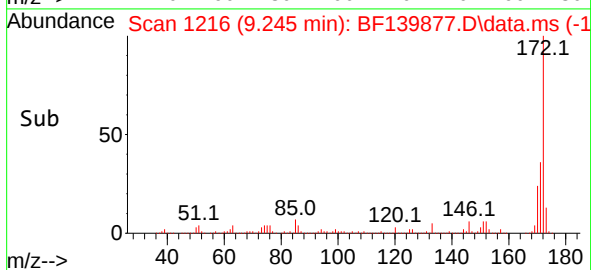
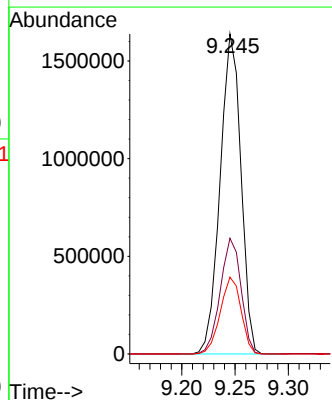
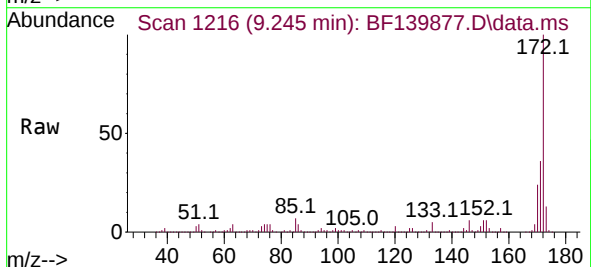
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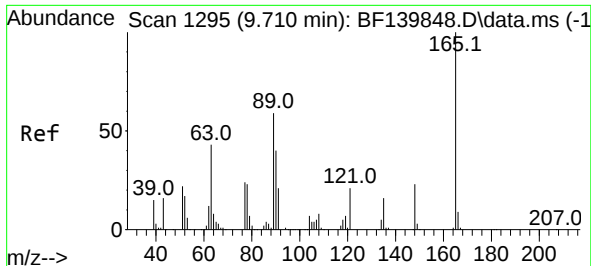
Tgt Ion:330 Resp: 537795
 Ion Ratio Lower Upper
 330 100
 332 94.9 78.1 117.1
 141 30.0 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 86.920 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF139877.D
 Acq: 19 Oct 2024 17:49

Tgt Ion:172 Resp: 2221584
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.0 19.1 28.7

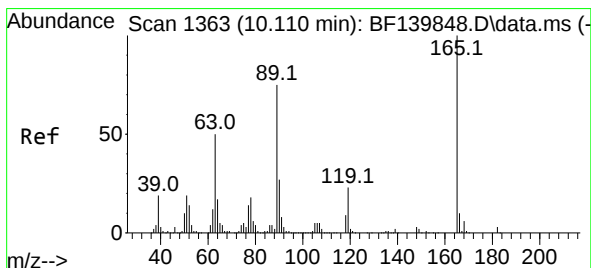
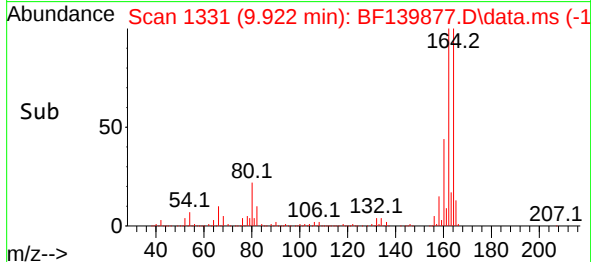
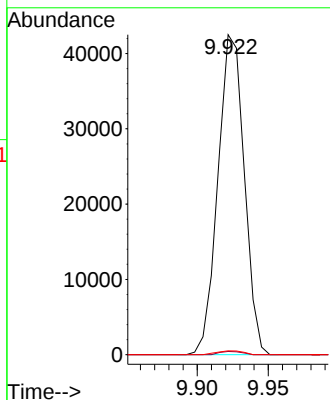
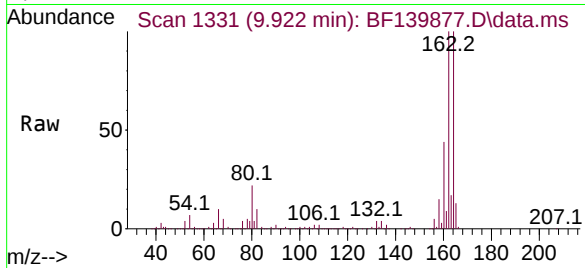




#51
2,6-Dinitrotoluene
Concen: 9.620 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139877.D
Acq: 19 Oct 2024 17:49

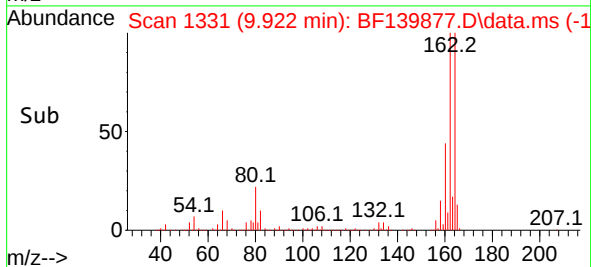
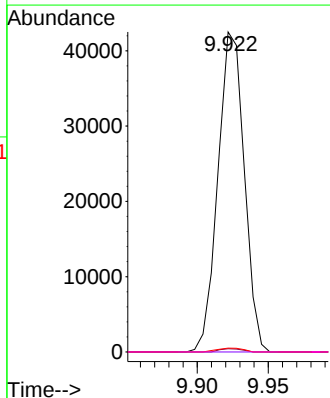
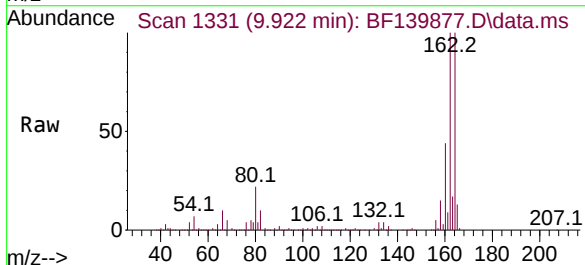
Instrument :
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ClientSampleId :
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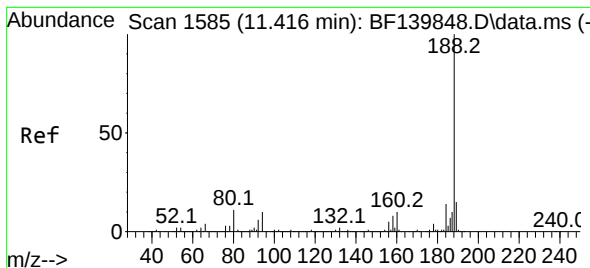
Tgt Ion:165 Resp: 54805
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.823 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139877.D
Acq: 19 Oct 2024 17:49

Tgt Ion:165 Resp: 54805
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139877.D

Acq: 19 Oct 2024 17:49

Instrument :

BNA_F

ClientSampleId :

TP-3

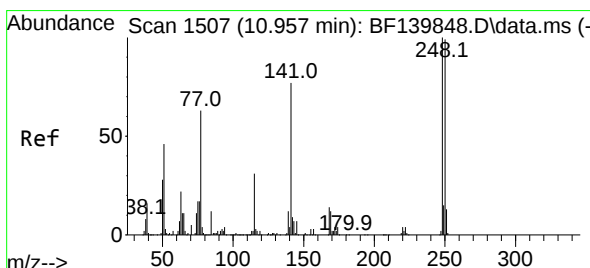
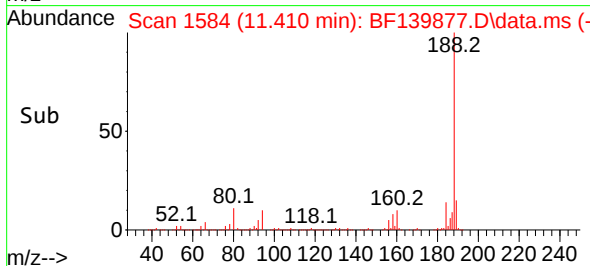
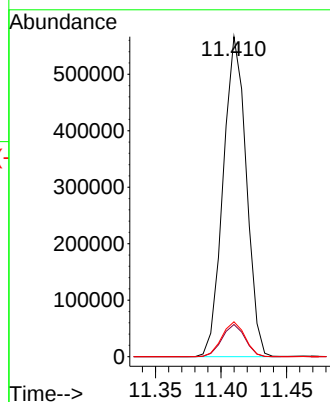
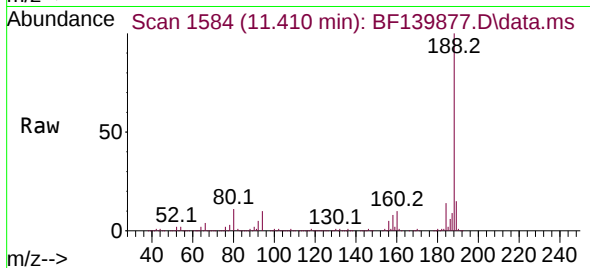
Tgt Ion:188 Resp: 695149

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.922 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139877.D

Acq: 19 Oct 2024 17:49

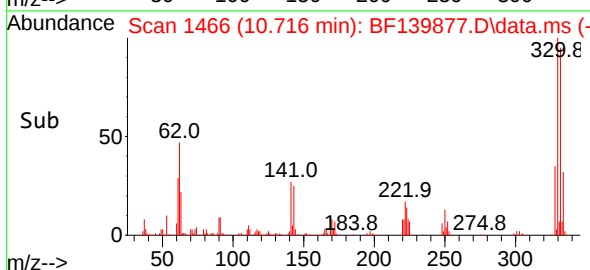
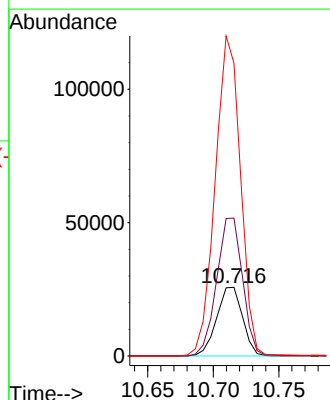
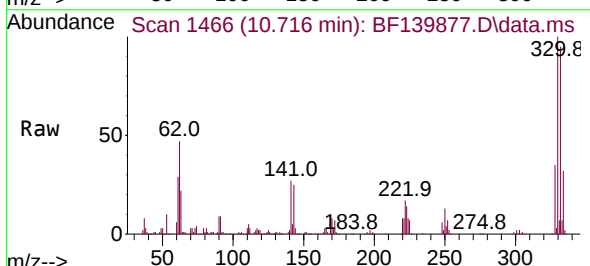
Tgt Ion:248 Resp: 35249

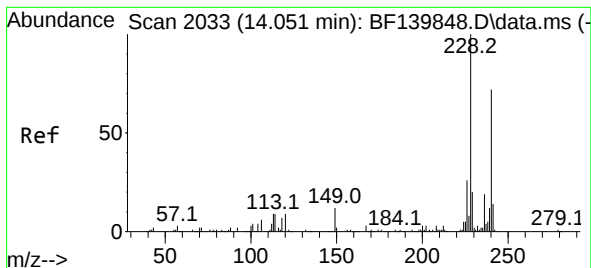
Ion Ratio Lower Upper

248 100

250 201.0 79.0 118.6#

141 426.7 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139877.D

Acq: 19 Oct 2024 17:49

Instrument :

BNA_F

ClientSampleId :

TP-3

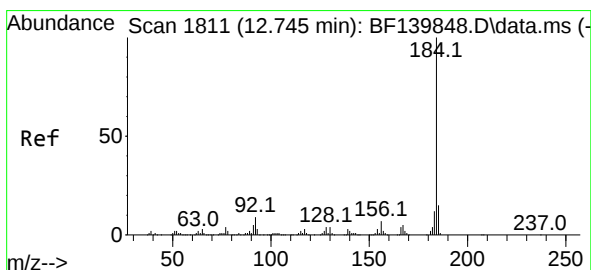
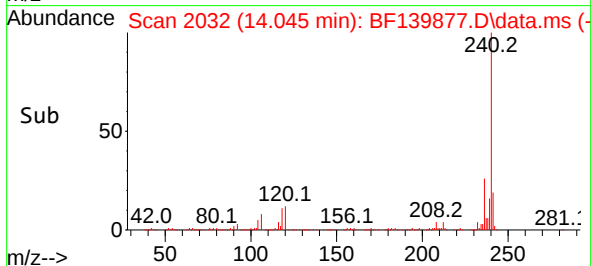
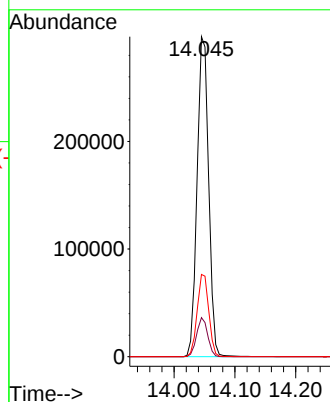
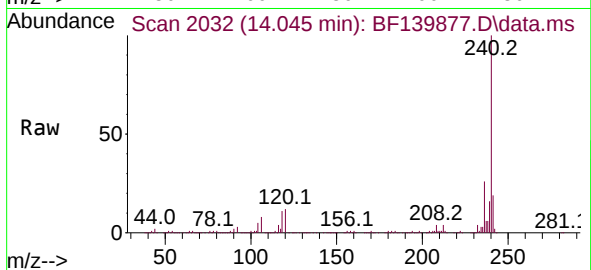
Tgt Ion:240 Resp: 391319

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

236 25.7 20.9 31.3



#77

Benzdine

Concen: 3.949 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF139877.D

Acq: 19 Oct 2024 17:49

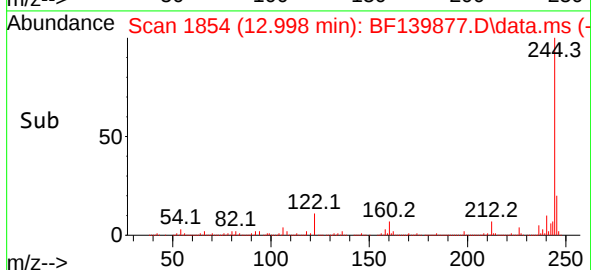
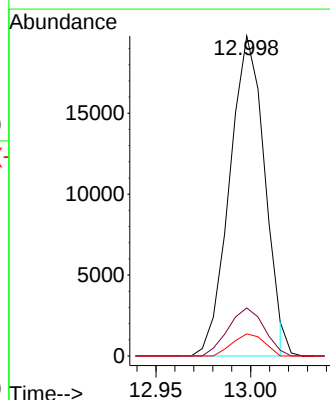
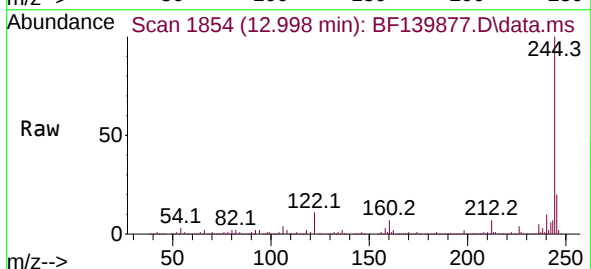
Tgt Ion:184 Resp: 25409

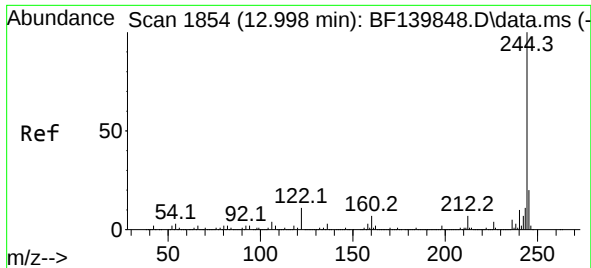
Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

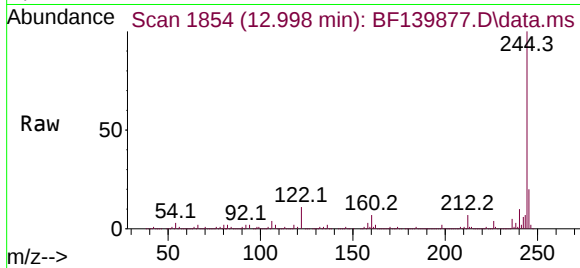
183 6.9 9.4 14.2#





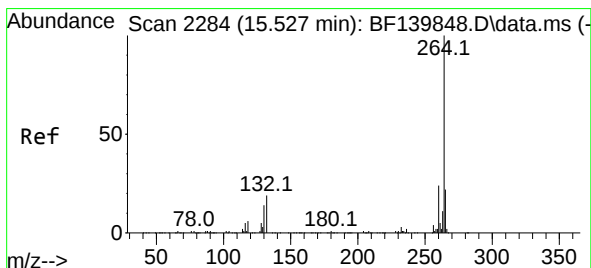
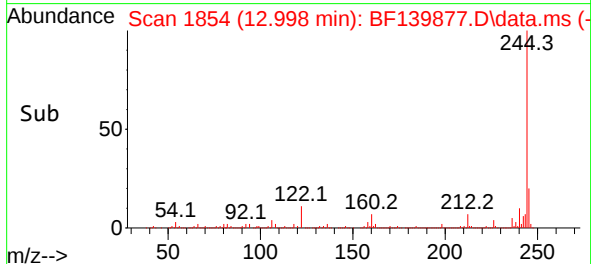
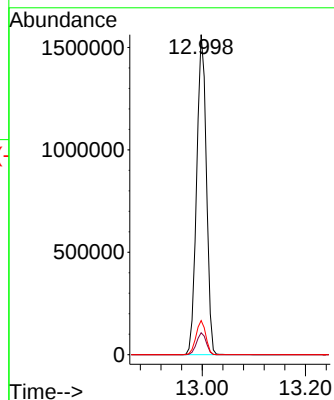
#79
 Terphenyl-d14
 Concen: 84.901 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139877.D
 Acq: 19 Oct 2024 17:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-3



Tgt Ion:244 Resp: 2038898

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.6	8.6	13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139877.D
 Acq: 19 Oct 2024 17:49

Tgt Ion:264 Resp: 342377

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.2	17.4	26.0

