

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139897.D
 Acq On : 21 Oct 2024 12:24
 Operator : RC/JU
 Sample : P4426-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-2

Quant Time: Oct 21 12:52:26 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)

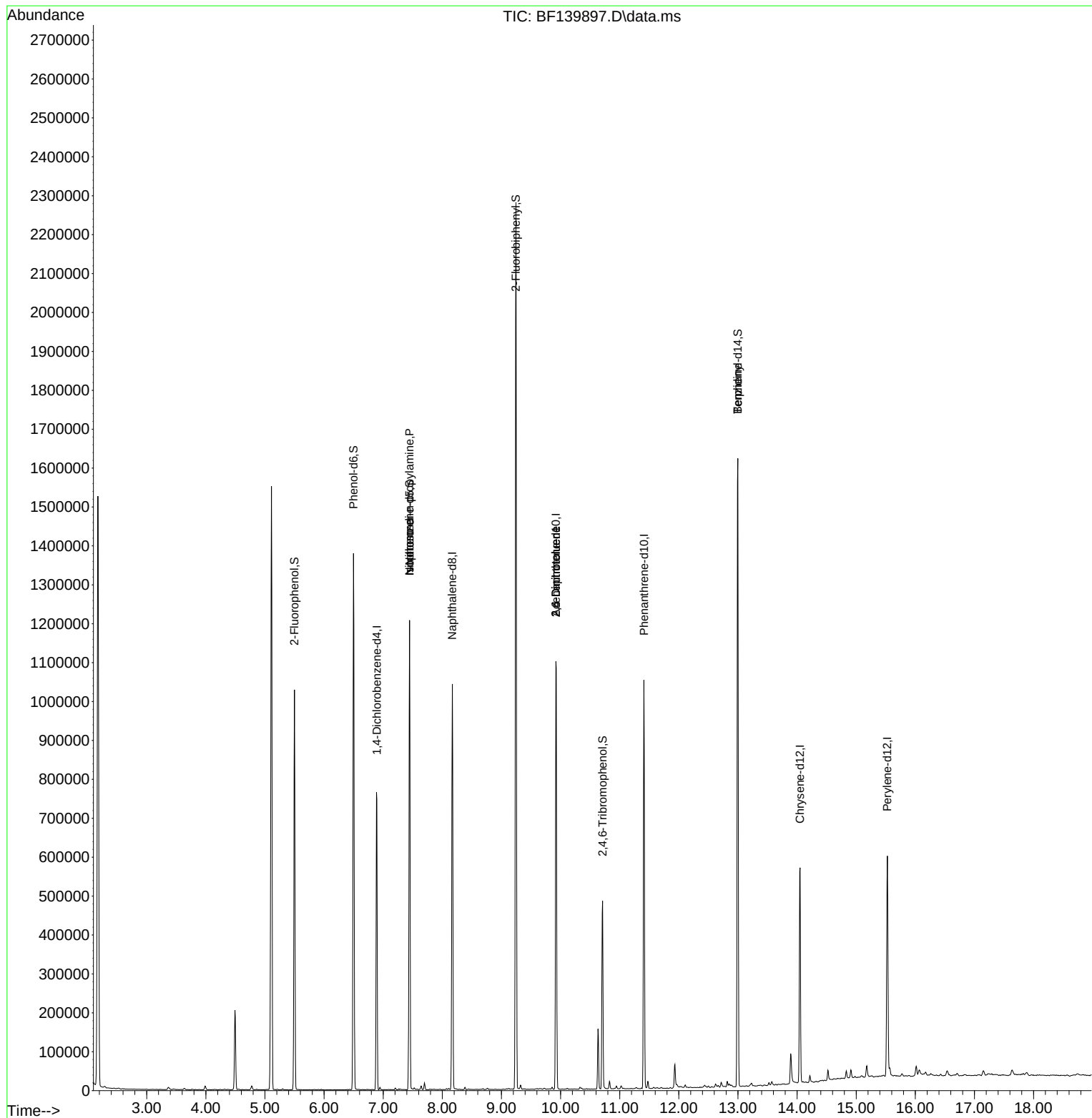
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	159852	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	606491	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	331573	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	530976	20.000	ng	0.00
76) Chrysene-d12	14.051	240	262530	20.000	ng	0.00
86) Perylene-d12	15.527	264	323097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	352870	34.558	ng	0.00
7) Phenol-d6	6.498	99	608310	45.997	ng	-0.01
23) Nitrobenzene-d5	7.445	82	499548	45.651	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	78546	25.326	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	971588	48.428	ng	0.00
79) Terphenyl-d14	12.998	244	805138	49.974	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	66205	8.254	ng	# 80
25) Isophorone	7.445	82	499217	24.036	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	42623	9.532	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	42623	7.751	ng	# 21
77) Benzidine	12.998	184	10027	2.323	ng	# 94

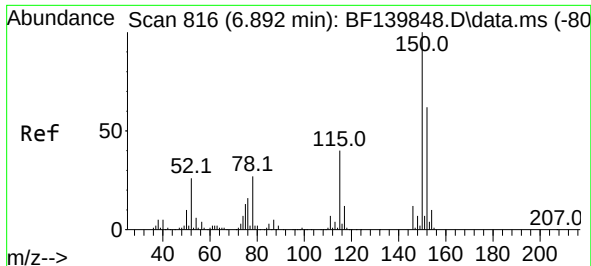
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
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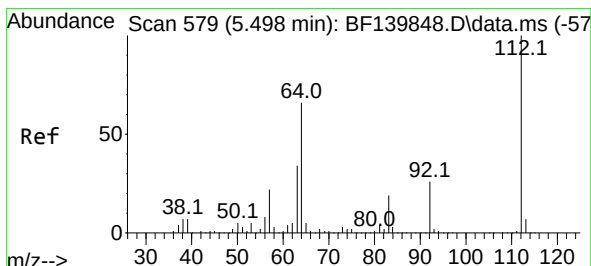
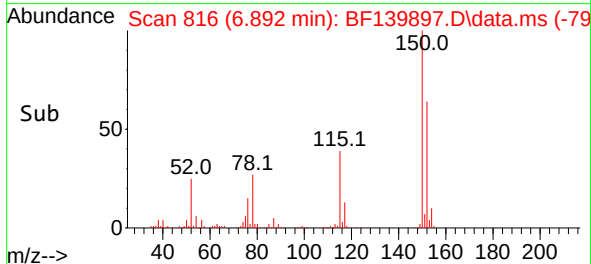
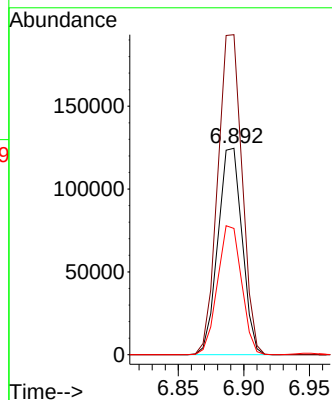
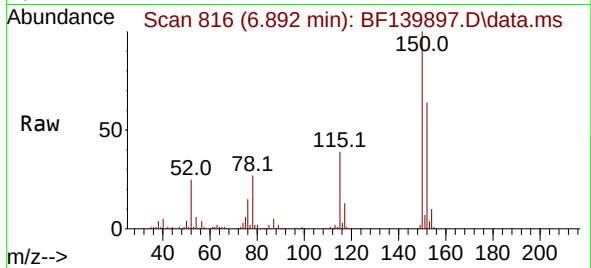




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

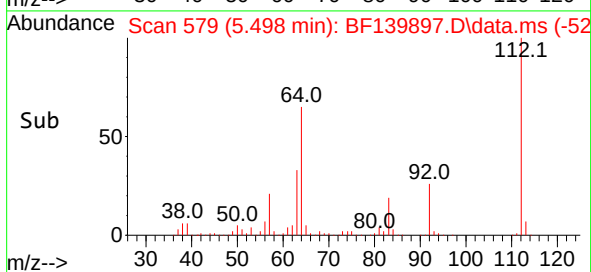
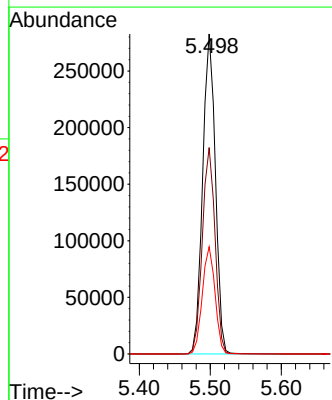
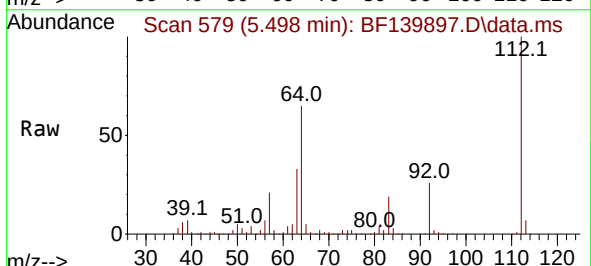
Instrument :
BNA_F
ClientSampleId :
PAD-2

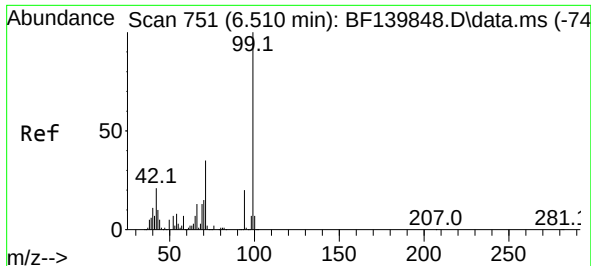
Tgt Ion:152 Resp: 159852
Ion Ratio Lower Upper
152 100
150 155.1 130.2 195.2
115 61.2 51.4 77.2



#5
2-Fluorophenol
Concen: 34.558 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

Tgt Ion:112 Resp: 352870
Ion Ratio Lower Upper
112 100
64 64.5 53.0 79.6
63 33.5 27.0 40.4

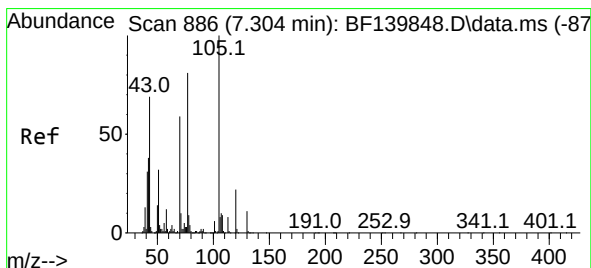
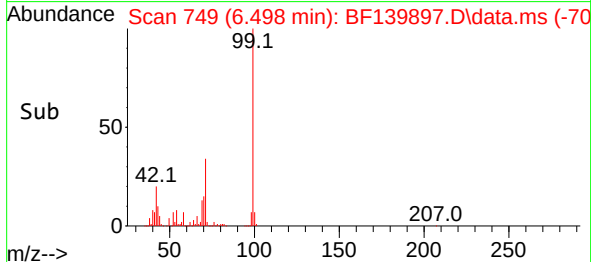
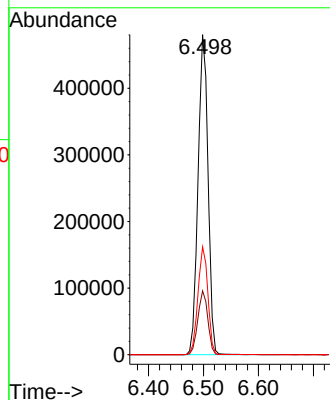
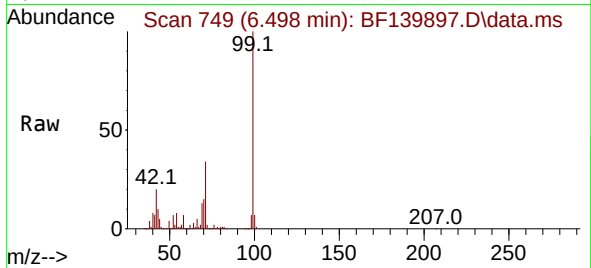




#7
Phenol-d6
Concen: 45.997 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

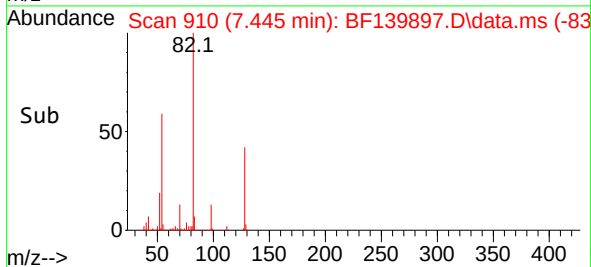
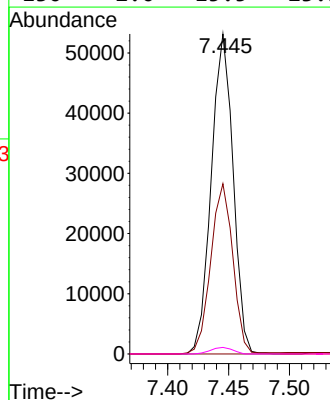
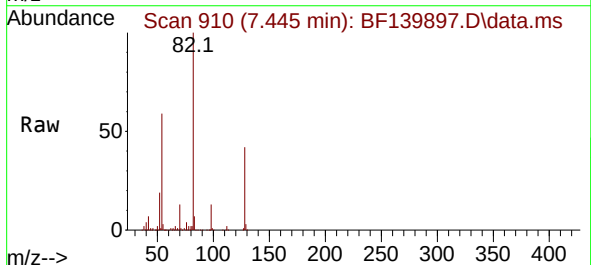
Instrument :
BNA_F
ClientSampleId :
PAD-2

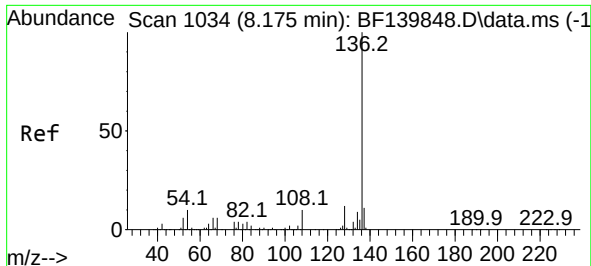
Tgt Ion: 99 Resp: 608310
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 33.7 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.254 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

Tgt Ion: 70 Resp: 66205
Ion Ratio Lower Upper
70 100
42 53.2 51.5 77.3
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



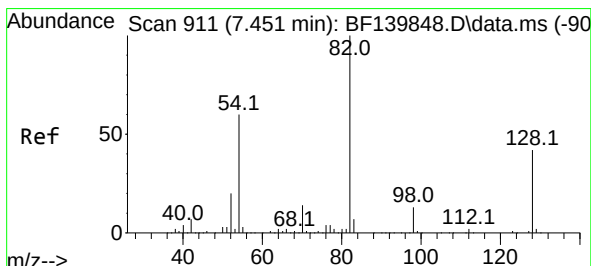
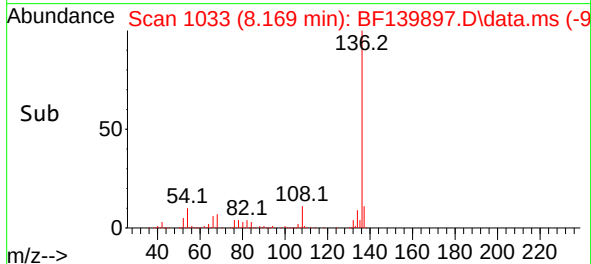
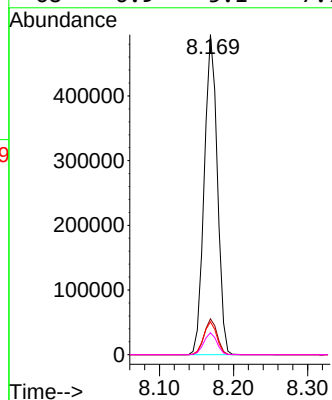
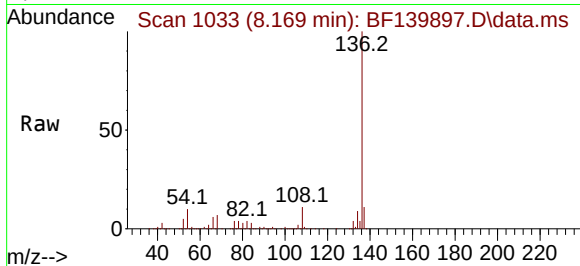


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

Instrument :
BNA_F
ClientSampleId :
PAD-2

Tgt Ion:136 Resp: 606491

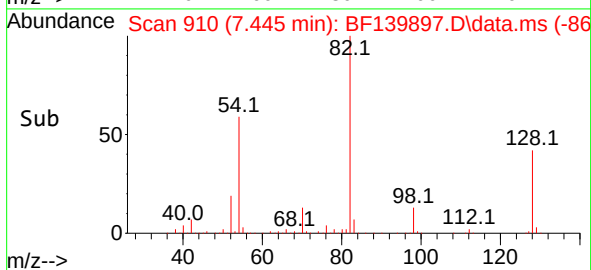
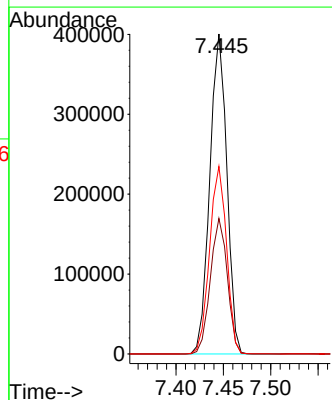
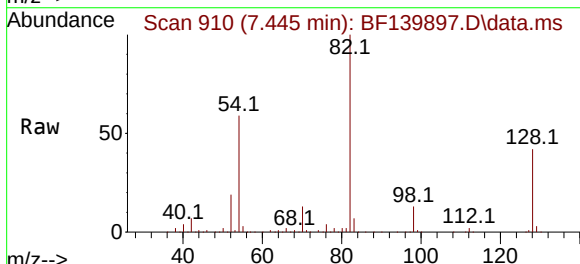
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.2	8.4	12.6
68	6.9	5.1	7.7

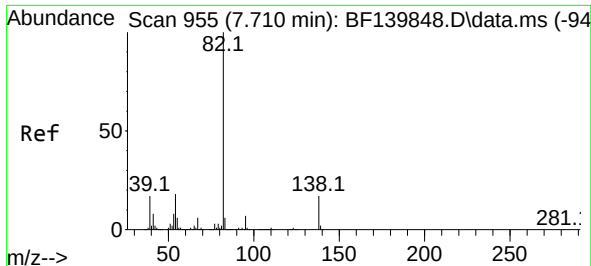


#23
Nitrobenzene-d5
Concen: 45.651 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

Tgt Ion: 82 Resp: 499548

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	58.6	47.8	71.8

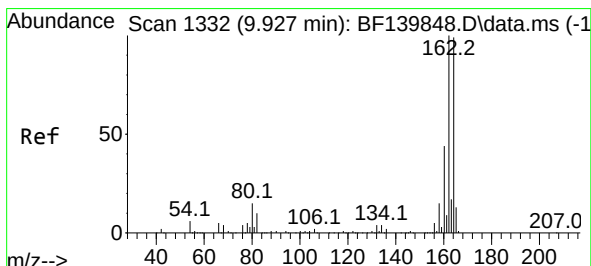
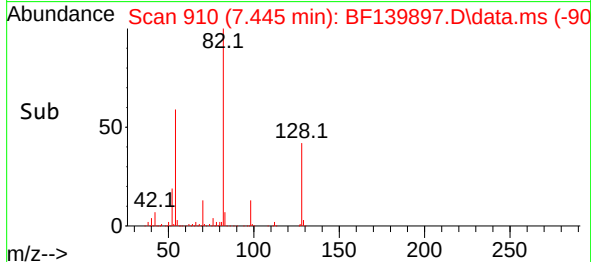
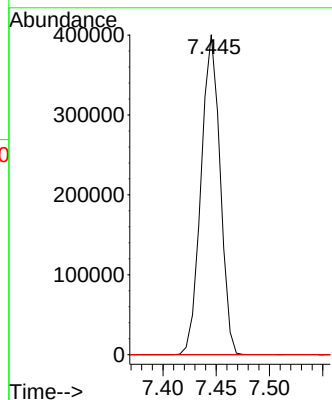
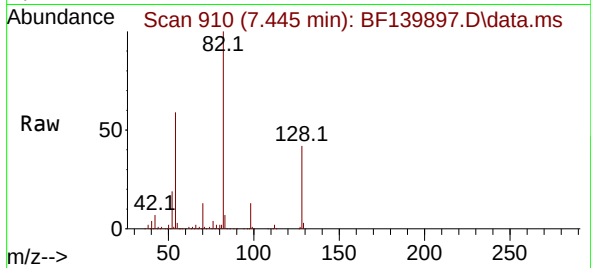




#25
Isophorone
Concen: 24.036 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

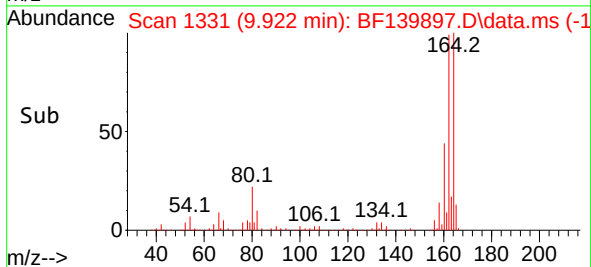
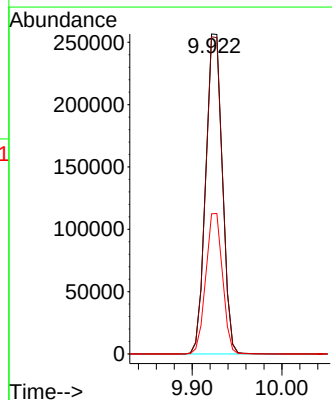
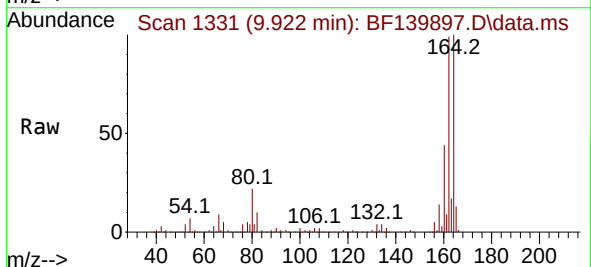
Instrument :
BNA_F
ClientSampleId :
PAD-2

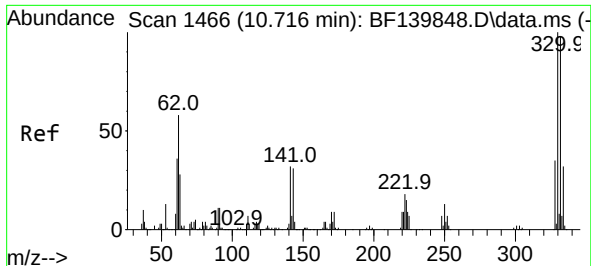
Tgt Ion: 82 Resp: 499217
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

Tgt Ion: 164 Resp: 331573
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 43.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 25.326 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139897.D

Acq: 21 Oct 2024 12:24

Instrument :

BNA_F

ClientSampleId :

PAD-2

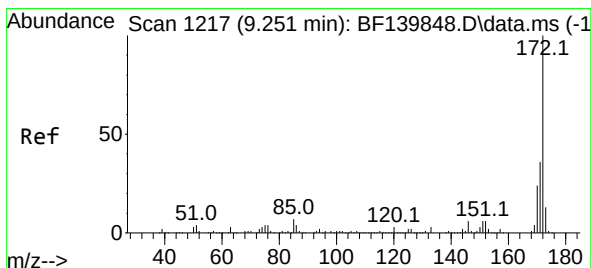
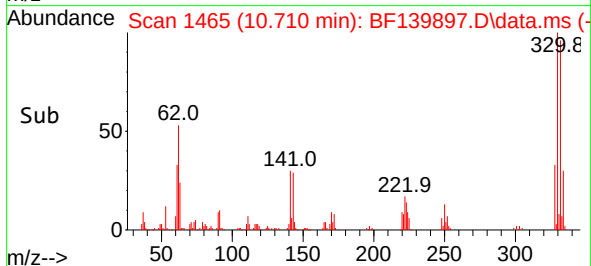
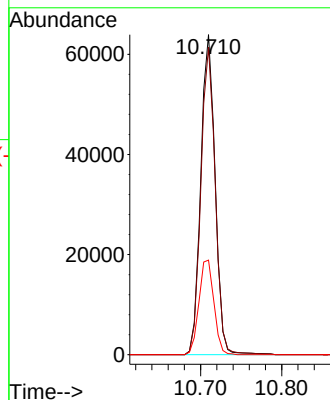
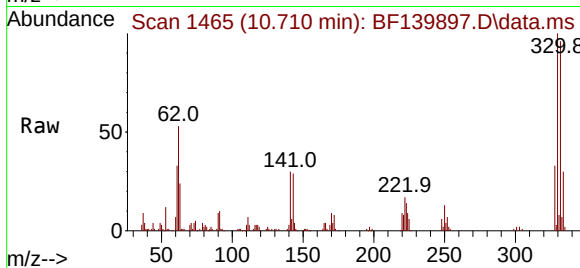
Tgt Ion:330 Resp: 78546

Ion Ratio Lower Upper

330 100

332 96.1 78.1 117.1

141 30.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 48.428 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139897.D

Acq: 21 Oct 2024 12:24

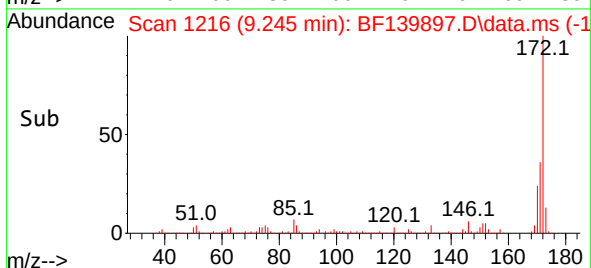
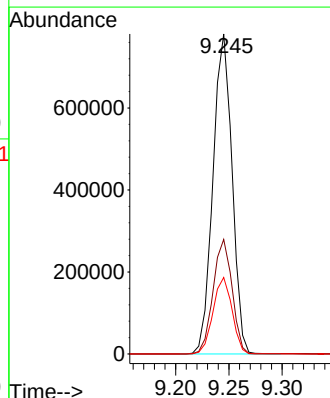
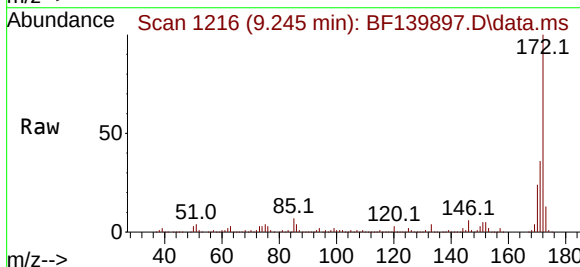
Tgt Ion:172 Resp: 971588

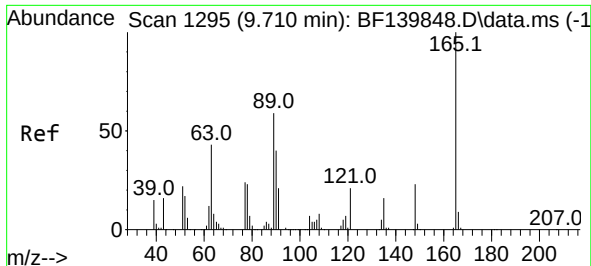
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.9 19.1 28.7

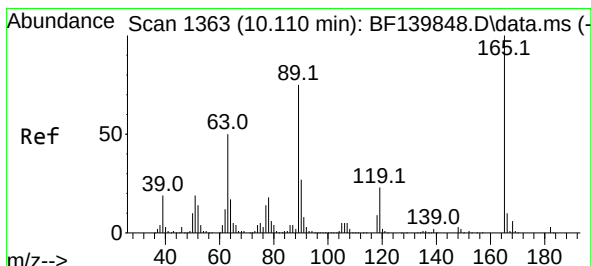
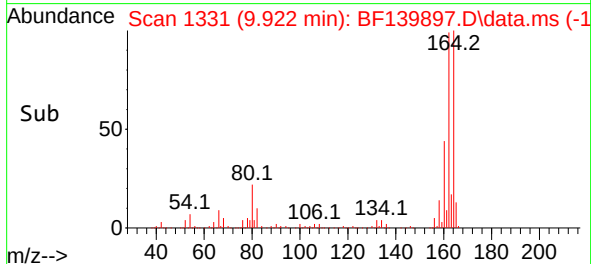
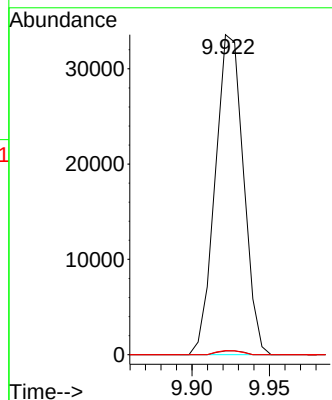
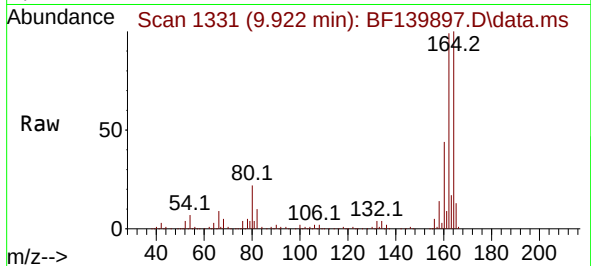




#51
2,6-Dinitrotoluene
Concen: 9.532 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

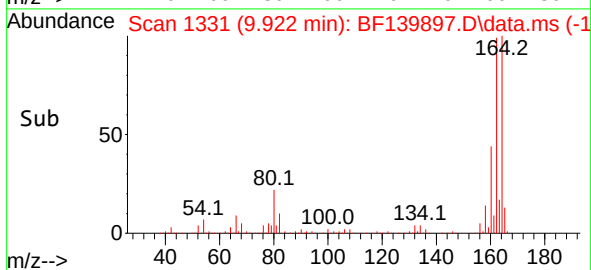
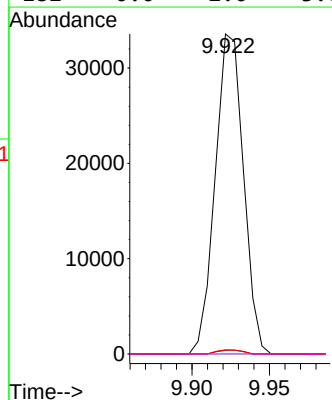
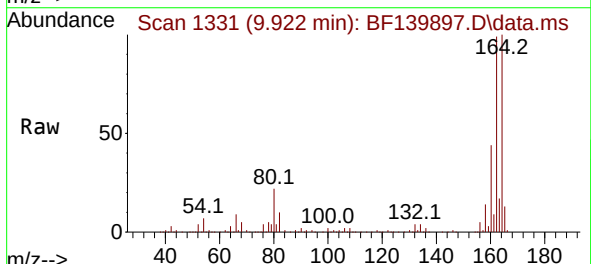
Instrument :
BNA_F
ClientSampleId :
PAD-2

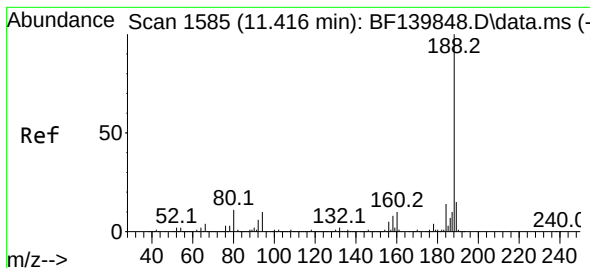
Tgt Ion:165 Resp: 42623
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.751 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

Tgt Ion:165 Resp: 42623
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.3 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: BF139897.D

Acq: 21 Oct 2024 12:24

Instrument :

BNA_F

ClientSampleId :

PAD-2

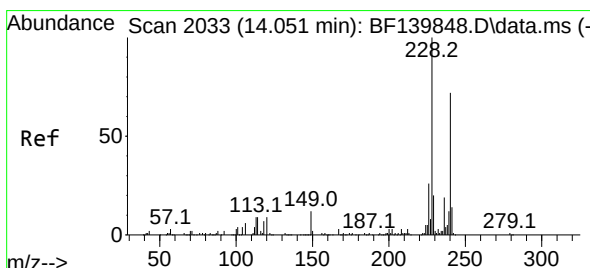
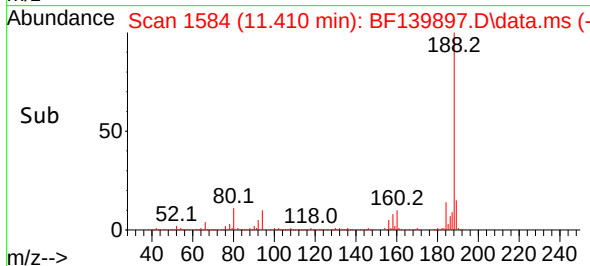
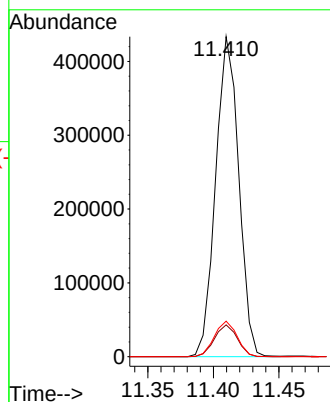
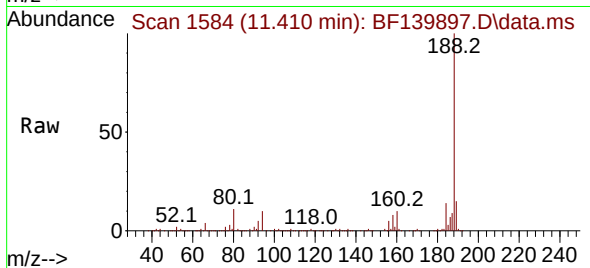
Tgt Ion:188 Resp: 530976

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 11.1 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139897.D

Acq: 21 Oct 2024 12:24

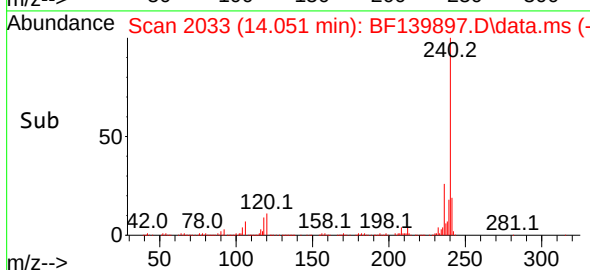
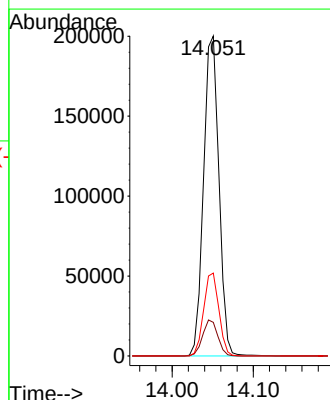
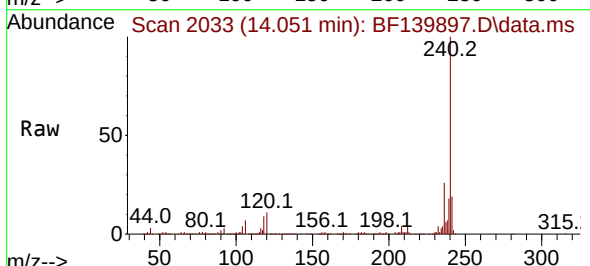
Tgt Ion:240 Resp: 262530

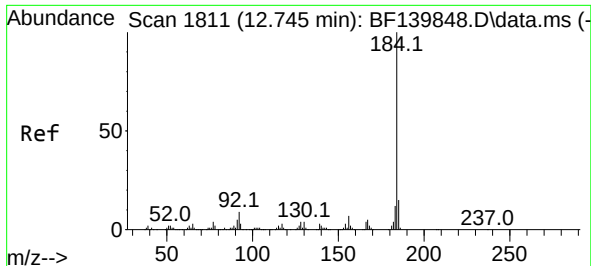
Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 25.9 20.9 31.3

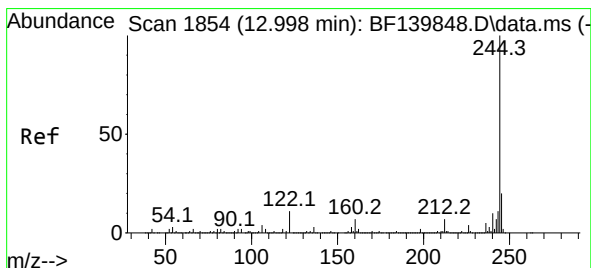
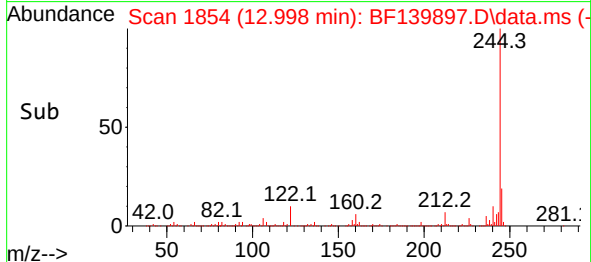
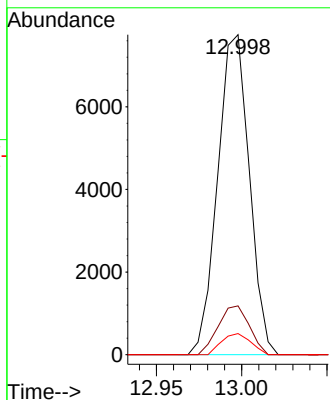
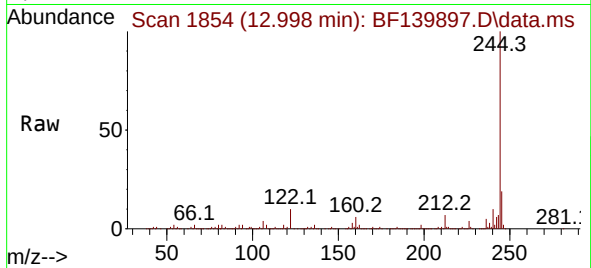




#77
Benzidine
Concen: 2.323 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

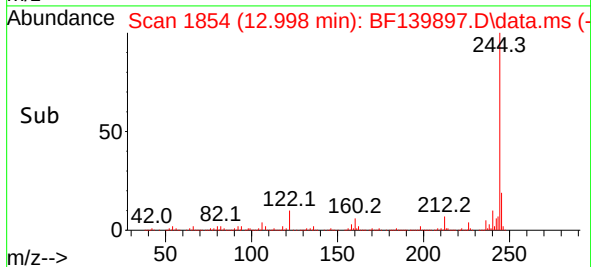
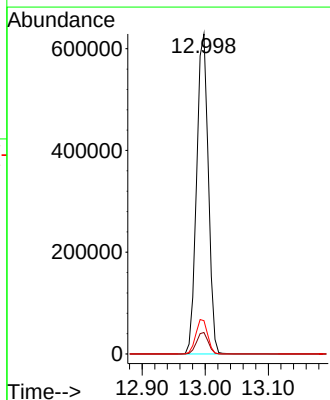
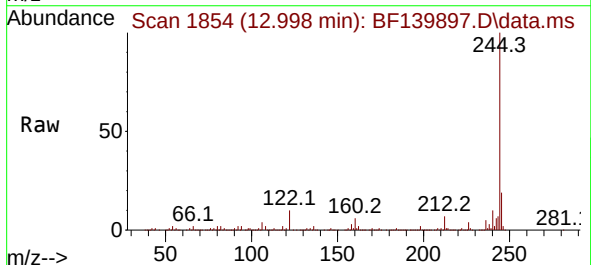
Instrument :
BNA_F
ClientSampleId :
PAD-2

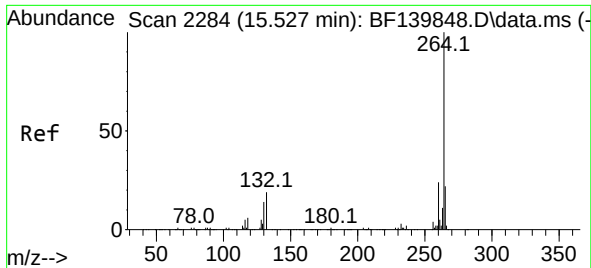
Tgt Ion:184 Resp: 10027
Ion Ratio Lower Upper
184 100
185 15.2 12.0 18.0
183 6.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 49.974 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

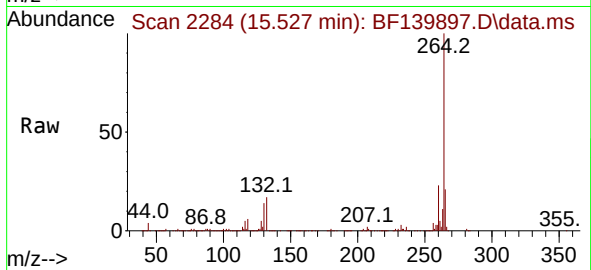
Tgt Ion:244 Resp: 805138
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.4 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139897.D
 Acq: 21 Oct 2024 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PAD-2



Tgt Ion:264	Resp:	323097
Ion	Ratio	Lower Upper
264	100	
260	23.4	19.4 29.2
265	21.4	17.4 26.0

