

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139972.D
 Acq On : 23 Oct 2024 18:56
 Operator : RC/JU
 Sample : P4472-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-28

Quant Time: Oct 24 01:11:26 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)

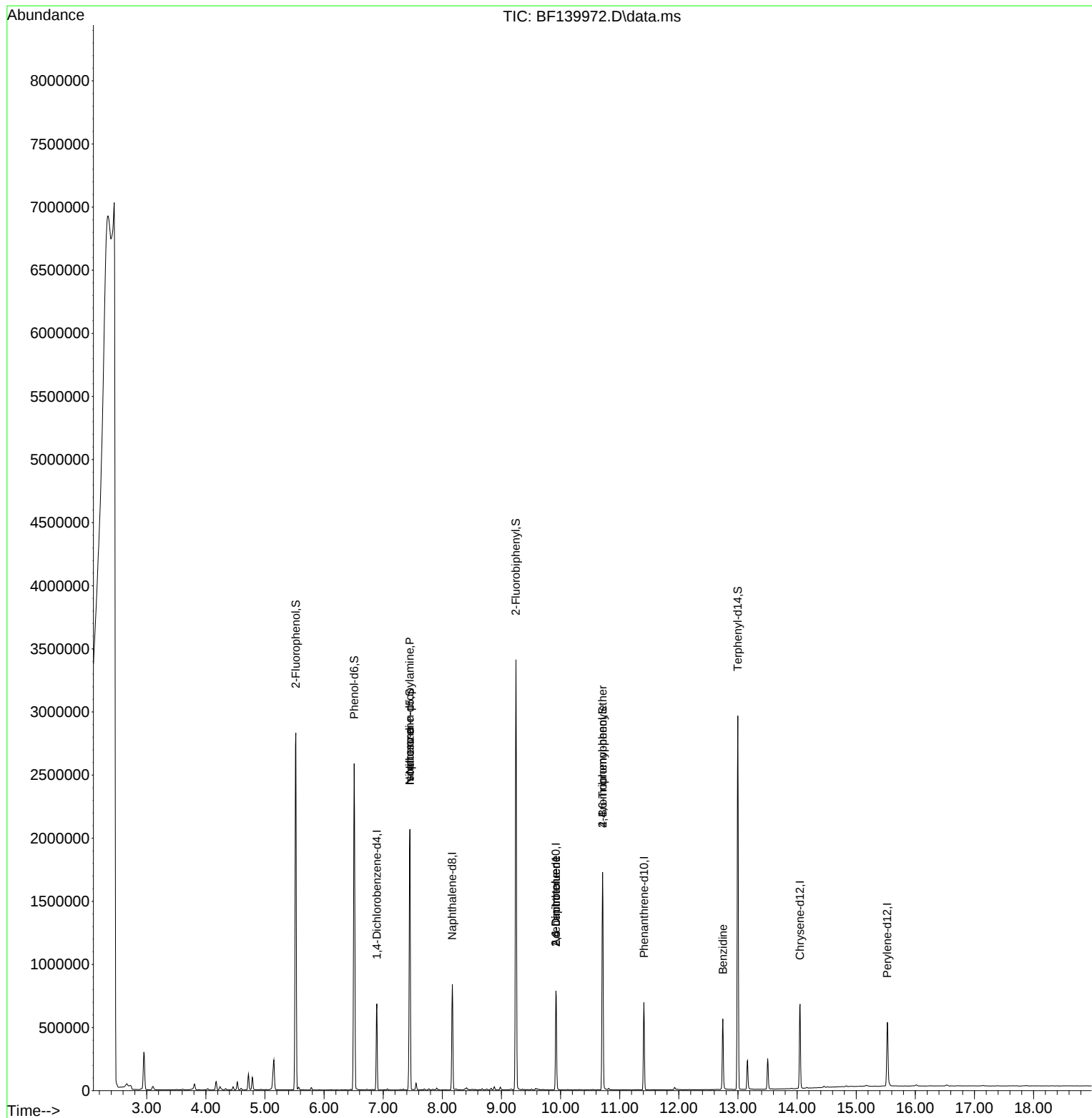
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	139555	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	498180	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	238869	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	356328	20.000	ng	0.00
76) Chrysene-d12	14.051	240	321296	20.000	ng	0.00
86) Perylene-d12	15.527	264	302161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1112405	124.786	ng	0.02
7) Phenol-d6	6.510	99	1259480	109.087	ng	0.00
23) Nitrobenzene-d5	7.451	82	939990	104.576	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	302506	135.391	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1524705	105.492	ng	0.00
79) Terphenyl-d14	12.998	244	1478670	74.992	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	126710	18.095	ng	# 76
25) Isophorone	7.451	82	936683	54.904	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	30455	9.454	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	30455	7.688	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	18778	5.115	ng	# 1
77) Benzidine	12.745	184	297906	56.387	ng	99

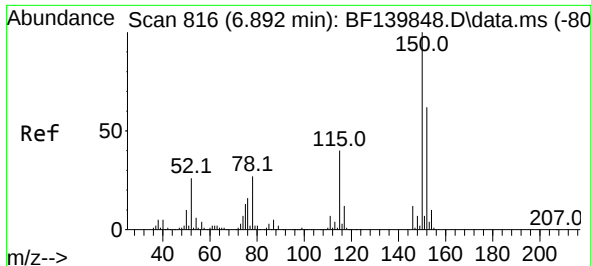
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139972.D
Acq On : 23 Oct 2024 18:56
Operator : RC/JU
Sample : P4472-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-28

Quant Time: Oct 24 01:11:26 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

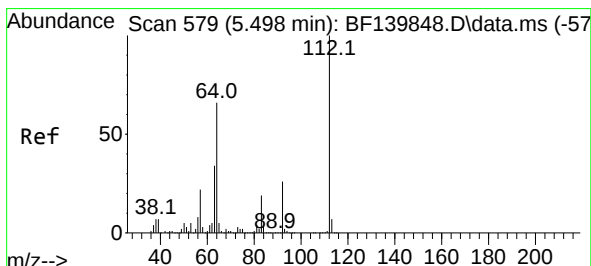
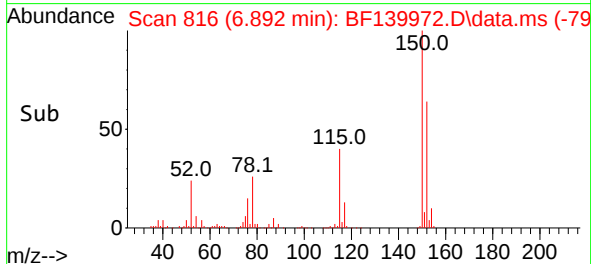
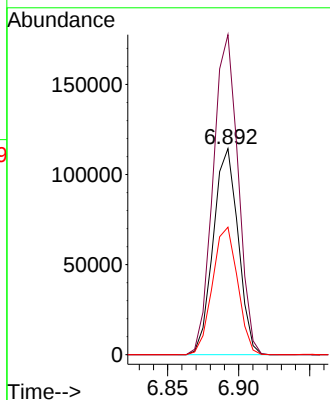
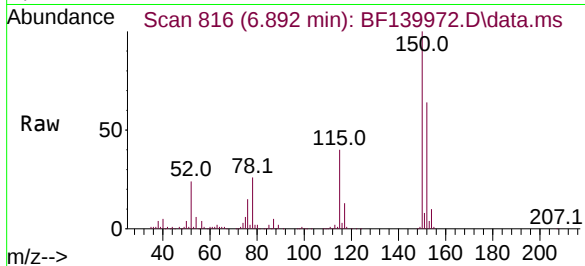




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

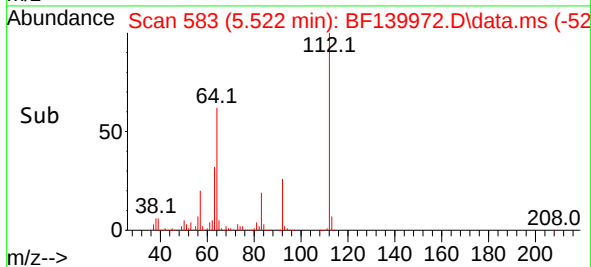
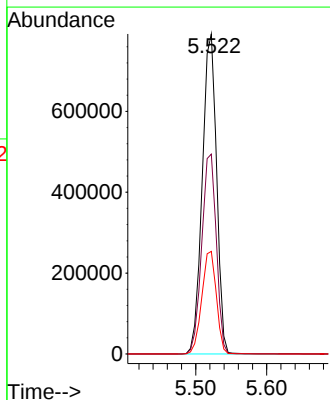
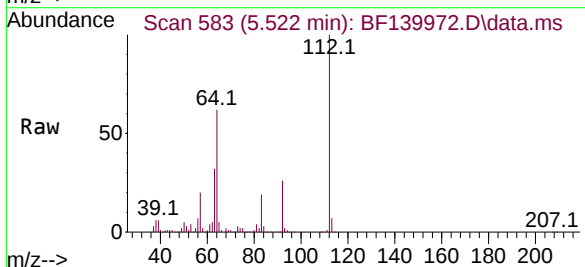
Instrument :
BNA_F
ClientSampleId :
BP-F-28

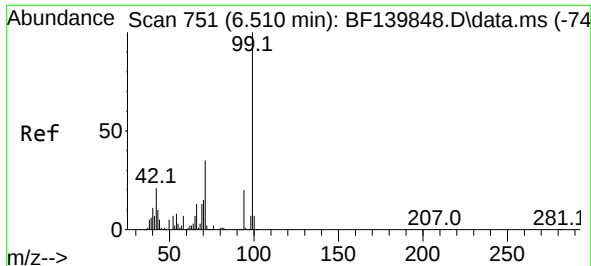
Tgt Ion:152 Resp: 139555
Ion Ratio Lower Upper
152 100
150 155.3 130.2 195.2
115 61.9 51.4 77.2



#5
2-Fluorophenol
Concen: 124.786 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Tgt Ion:112 Resp: 1112405
Ion Ratio Lower Upper
112 100
64 62.5 53.0 79.6
63 32.1 27.0 40.4

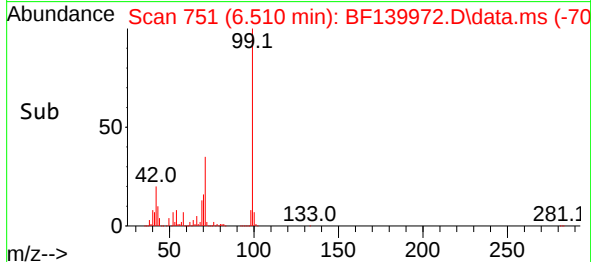
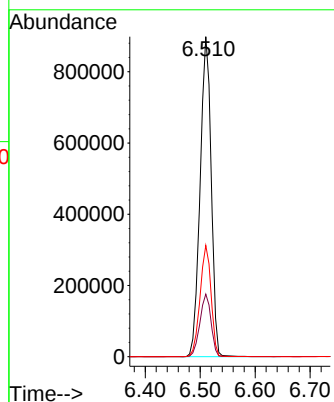
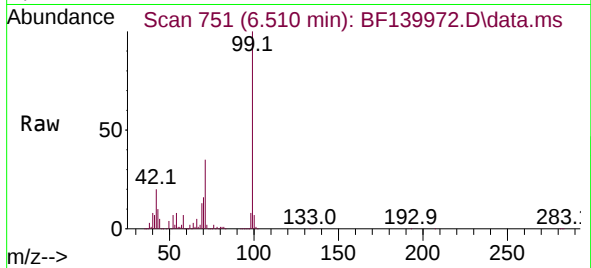




#7
Phenol-d6
Concen: 109.087 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

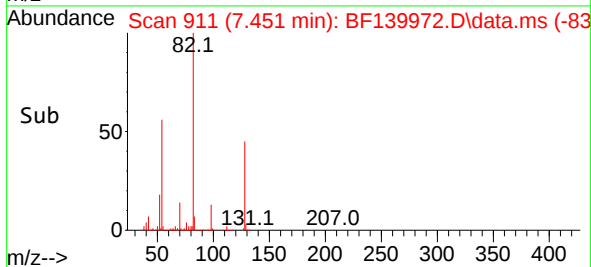
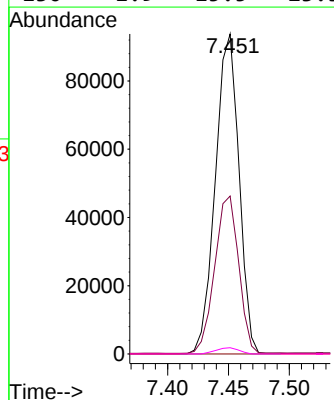
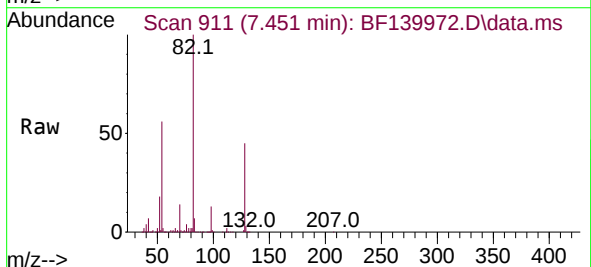
Instrument :
BNA_F
ClientSampleId :
BP-F-28

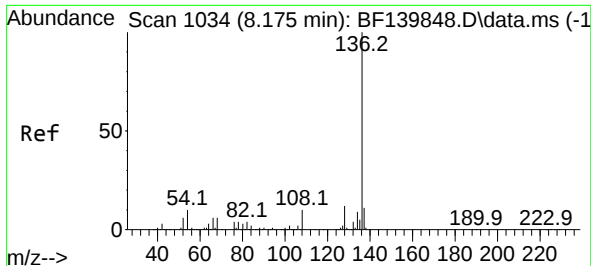
Tgt Ion: 99 Resp: 1259480
Ion Ratio Lower Upper
99 100
42 19.6 16.7 25.1
71 34.7 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.095 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Tgt Ion: 70 Resp: 126710
Ion Ratio Lower Upper
70 100
42 49.3 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



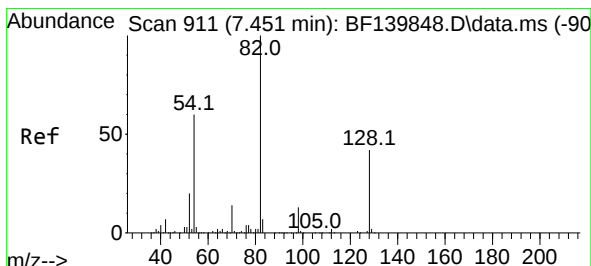
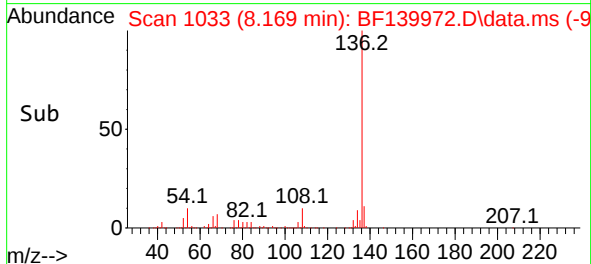
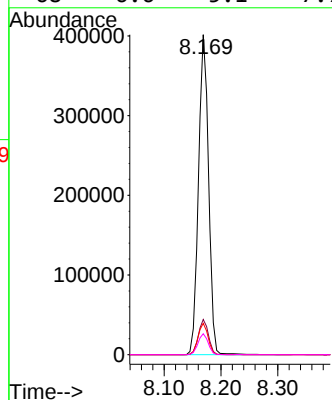
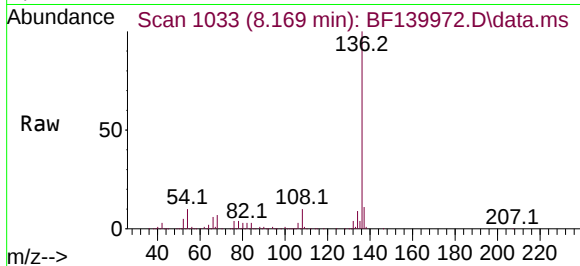


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
BP-F-28

Tgt Ion:136 Resp: 498180

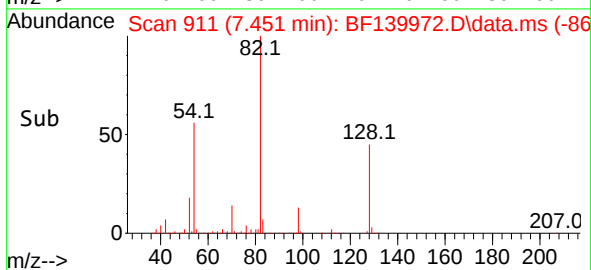
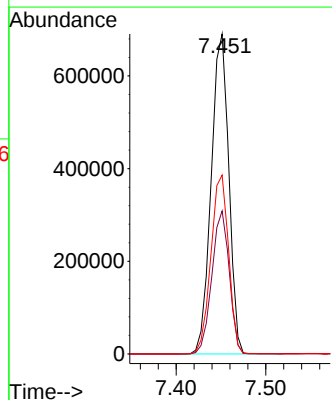
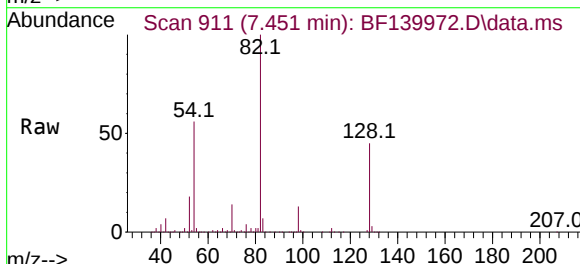
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.8	8.4	12.6
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 104.576 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Tgt Ion: 82 Resp: 939990

Ion	Ratio	Lower	Upper
82	100		
128	44.7	33.4	50.0
54	55.9	47.8	71.8

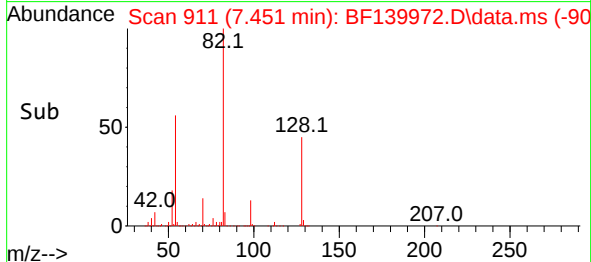
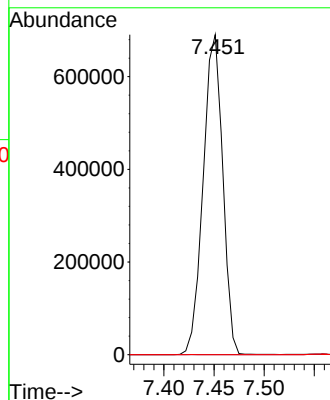
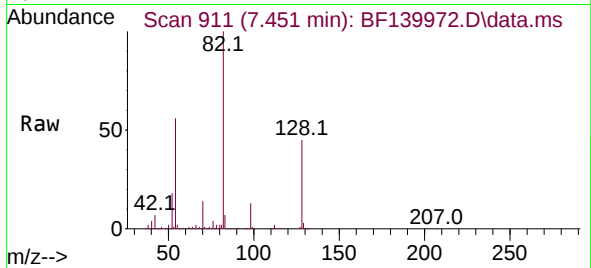




#25
Isophorone
Concen: 54.904 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

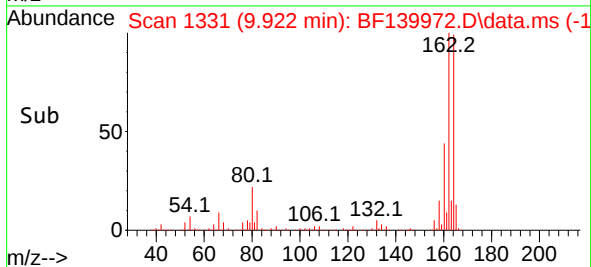
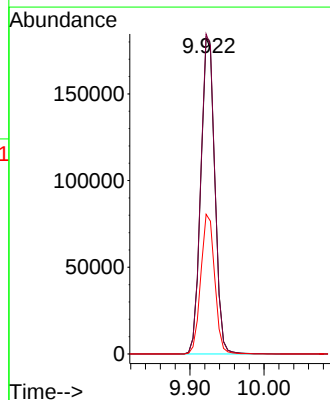
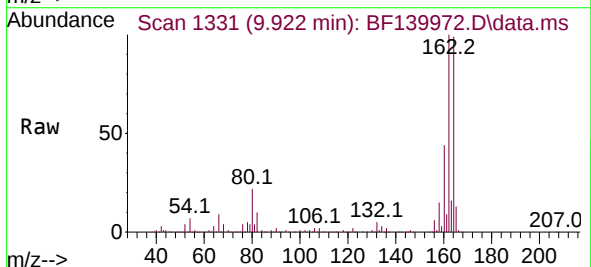
Instrument :
BNA_F
ClientSampleId :
BP-F-28

Tgt Ion: 82 Resp: 936683
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: BF139972.D
Acq: 23 Oct 2024 18:56

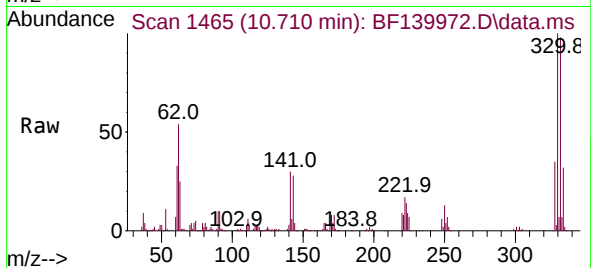
Tgt Ion: 164 Resp: 238869
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.2 35.4 53.0



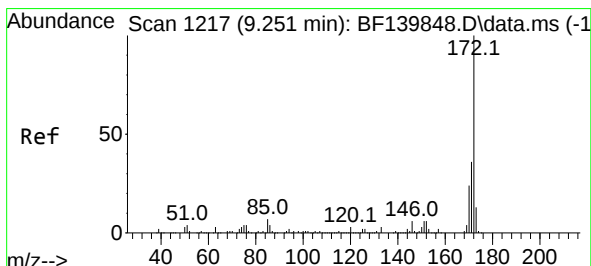
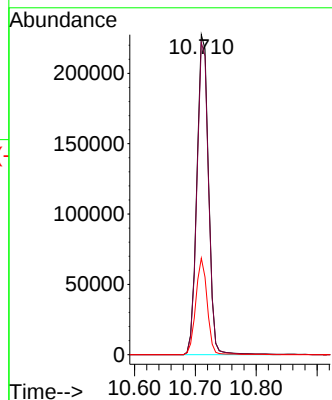
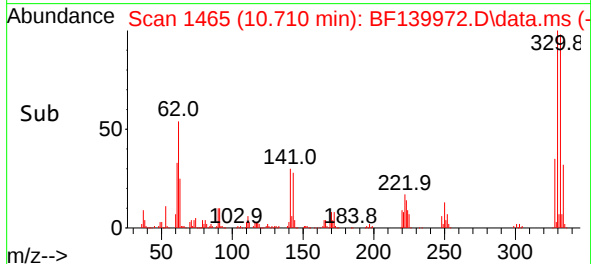


#42
2,4,6-Tribromophenol
Concen: 135.391 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
BP-F-28

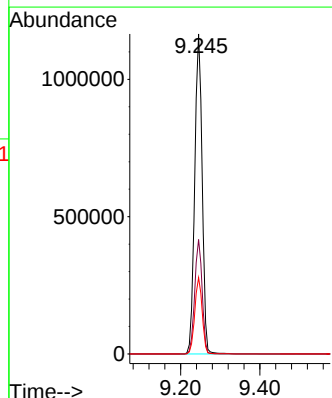
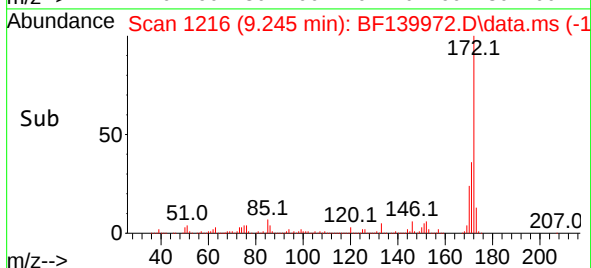
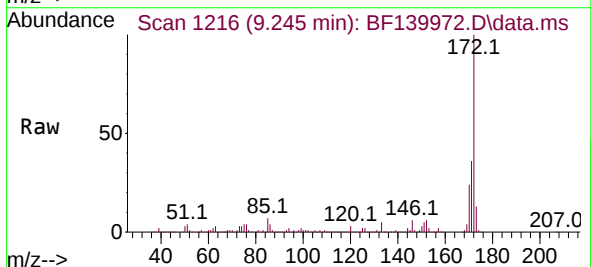


Tgt Ion:330 Resp: 302506
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 29.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 105.492 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Tgt Ion:172 Resp: 1524705
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.9 19.1 28.7

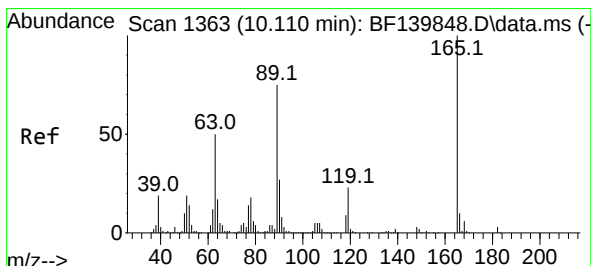
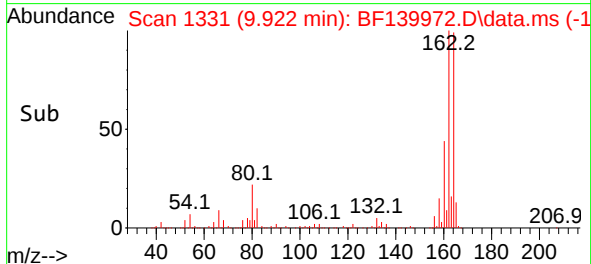
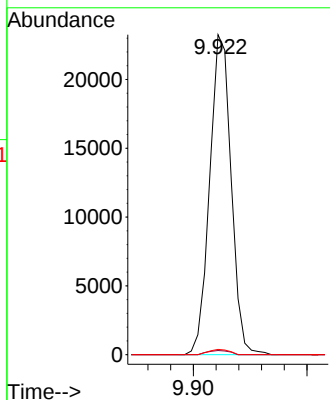
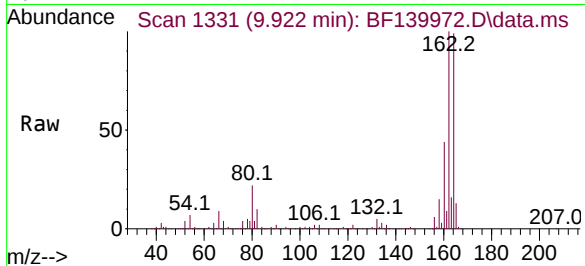




#51
2,6-Dinitrotoluene
Concen: 9.454 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

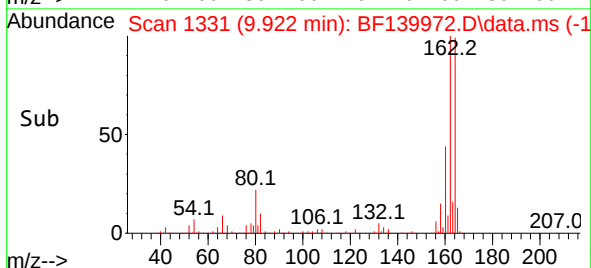
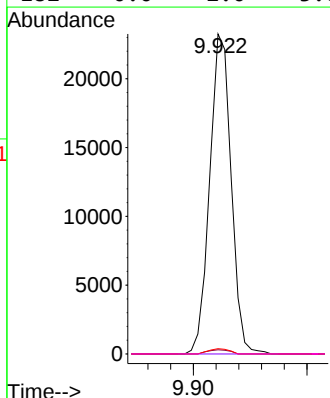
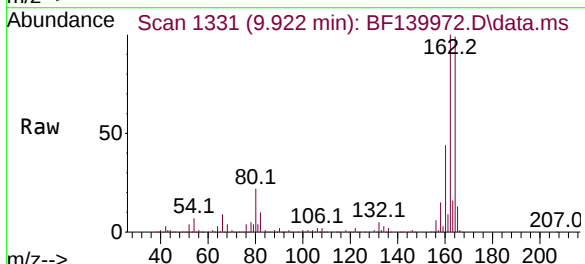
Instrument :
BNA_F
ClientSampleId :
BP-F-28

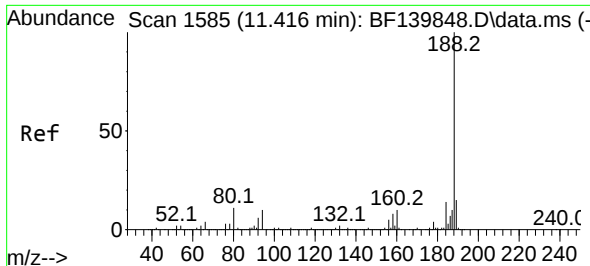
Tgt Ion:165 Resp: 30455
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.6 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.688 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Tgt Ion:165 Resp: 30455
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.6 60.4 90.6#
182 0.0 2.0 3.0#

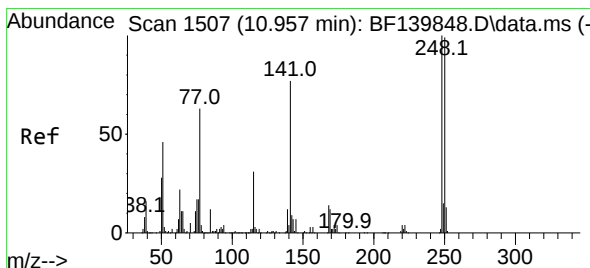
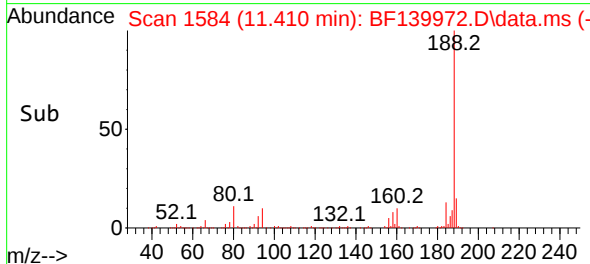
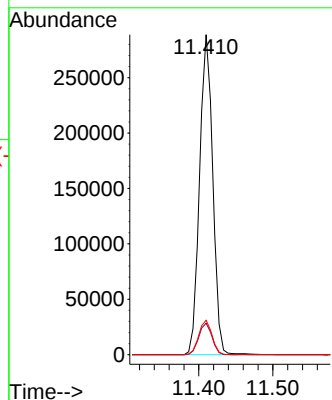
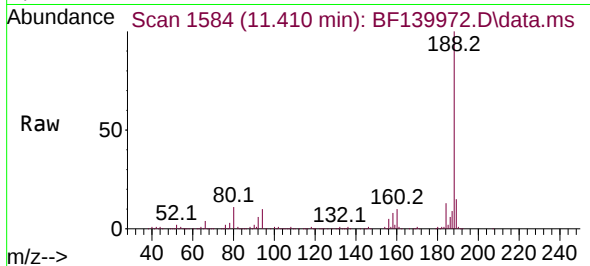




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

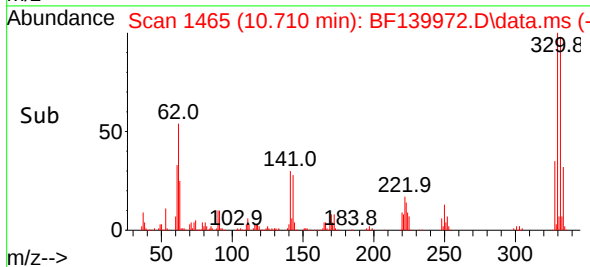
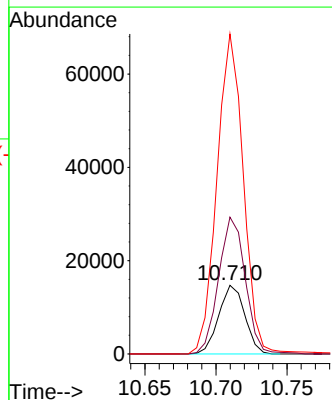
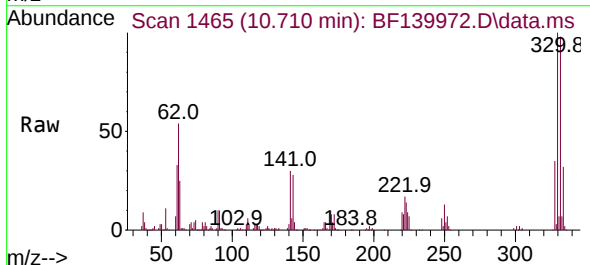
Instrument :
BNA_F
ClientSampleId :
BP-F-28

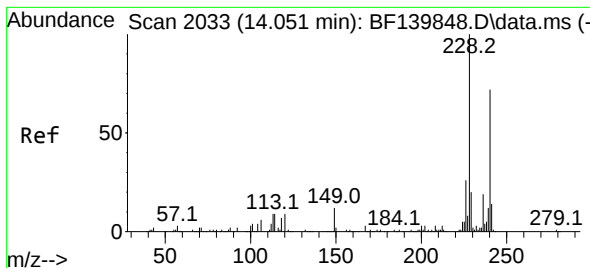
Tgt Ion:188 Resp: 356328
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.8 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 5.115 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Tgt Ion:248 Resp: 18778
Ion Ratio Lower Upper
248 100
250 199.2 79.0 118.6#
141 465.9 61.7 92.5#

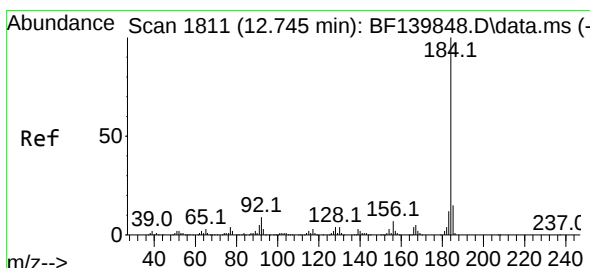
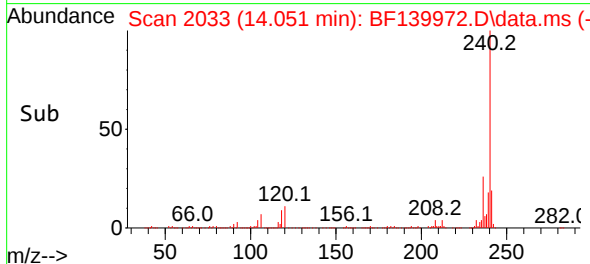
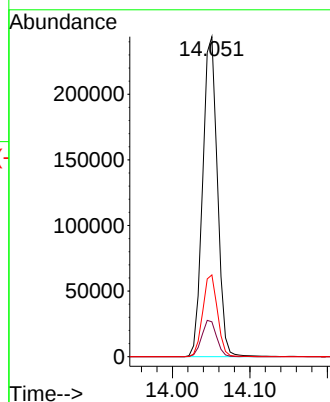
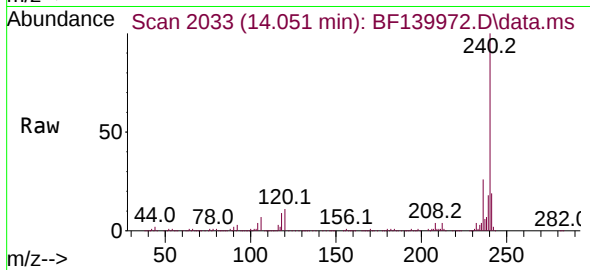




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

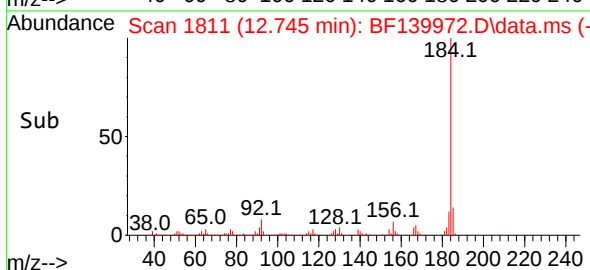
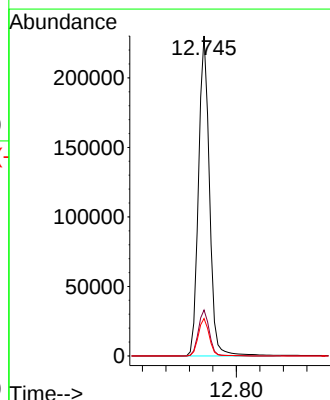
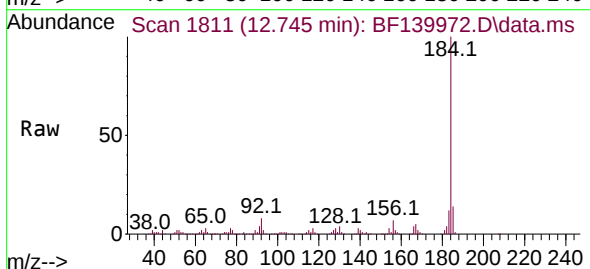
Instrument :
BNA_F
ClientSampleId :
BP-F-28

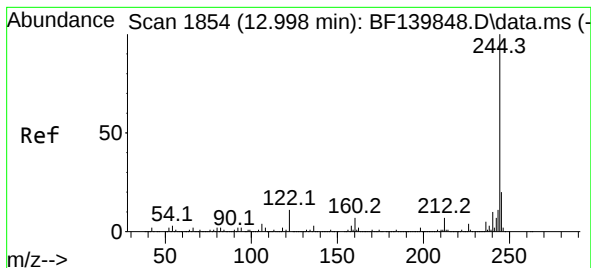
Tgt Ion:240 Resp: 321296
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.5 20.9 31.3



#77
Benzidine
Concen: 56.387 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Tgt Ion:184 Resp: 297906
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 11.7 9.4 14.2





#79

Terphenyl-d14

Concen: 74.992 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139972.D

Acq: 23 Oct 2024 18:56

Instrument :

BNA_F

ClientSampleId :

BP-F-28

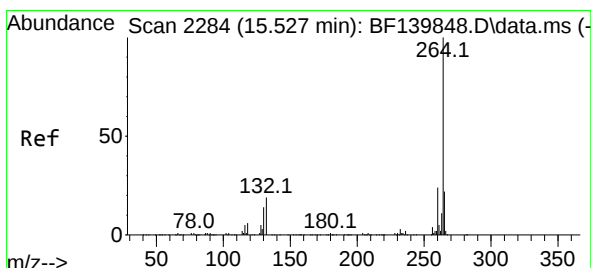
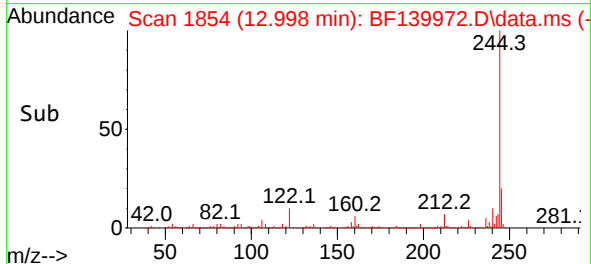
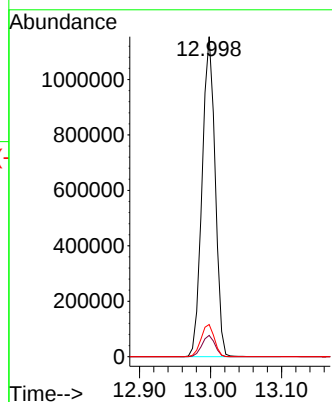
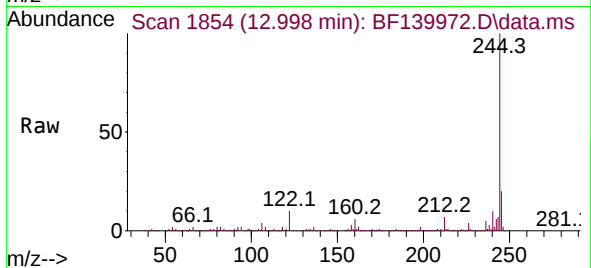
Tgt Ion:244 Resp: 1478670

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 10.0 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: BF139972.D

Acq: 23 Oct 2024 18:56

Tgt Ion:264 Resp: 302161

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 22.0 17.4 26.0

