

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
 Data File : BF133872.D
 Acq On : 21 Jun 2023 15:48
 Operator : CG\JU
 Sample : 03289-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 16:20:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

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

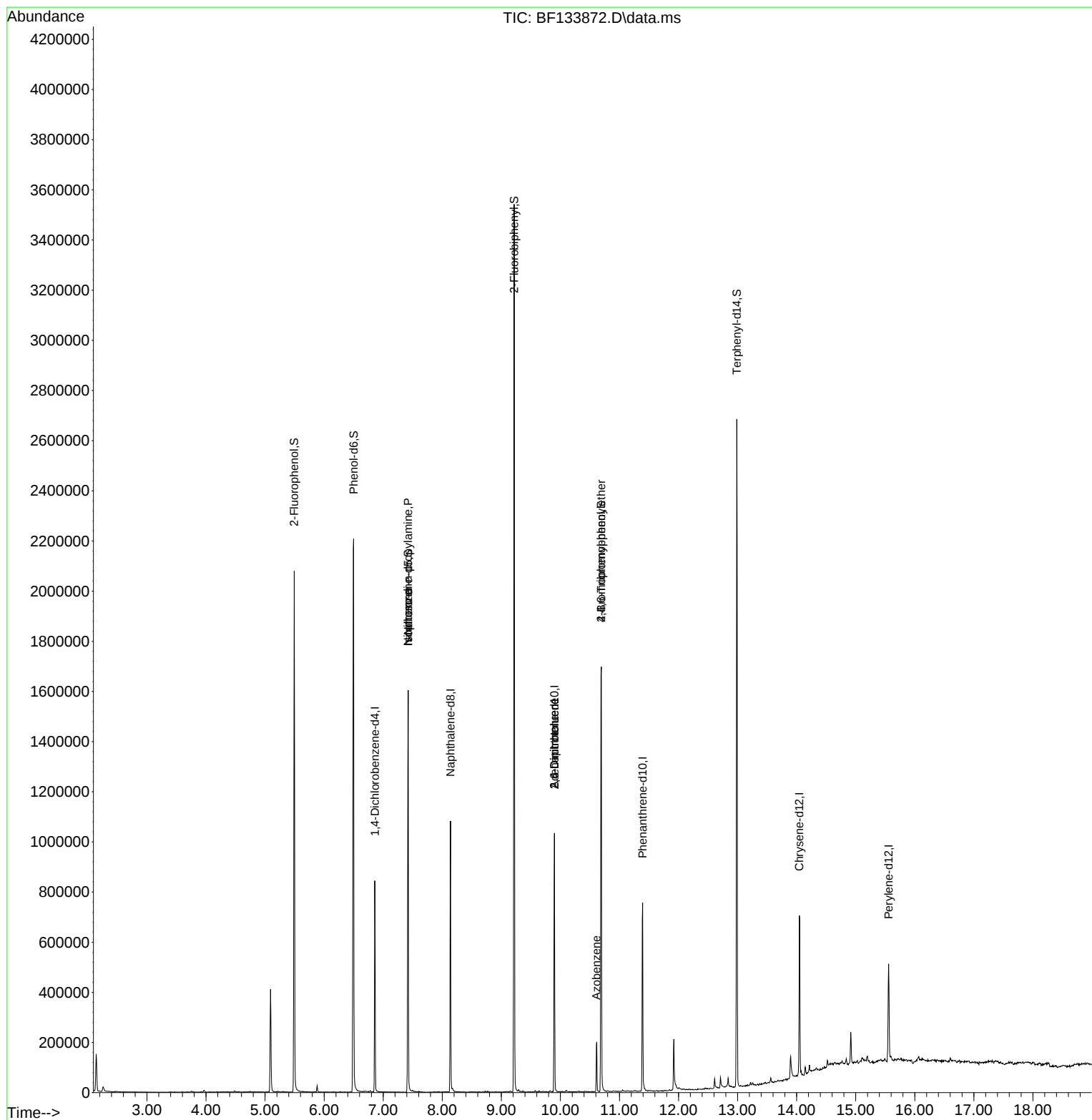
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	112743	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	426250	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	193581	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	285434	20.000	ng	0.00
76) Chrysene-d12	14.045	240	222144	20.000	ng	0.00
86) Perylene-d12	15.557	264	185065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	514015	79.371	ng	0.00
7) Phenol-d6	6.499	99	739703	87.749	ng	0.00
23) Nitrobenzene-d5	7.422	82	458615	58.602	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	215921	88.117	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	986793	72.463	ng	0.00
79) Terphenyl-d14	12.986	244	934459	65.090	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	62964	11.740	ng	# 79
25) Isophorone	7.422	82	458610	31.920	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	24202	8.115	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	24202	6.381	ng	# 20
63) Azobenzene	10.610	77	35340	2.538	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	12815	4.023	ng	# 1

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

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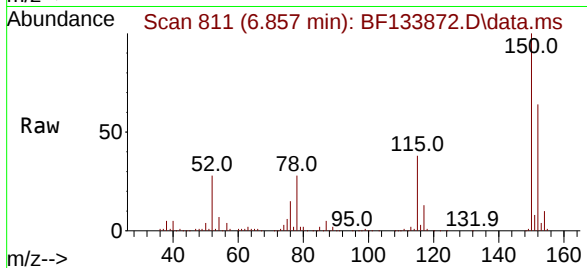
Quant Time: Jun 21 16:20:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 13:43:46 2023
Response via : Initial Calibration



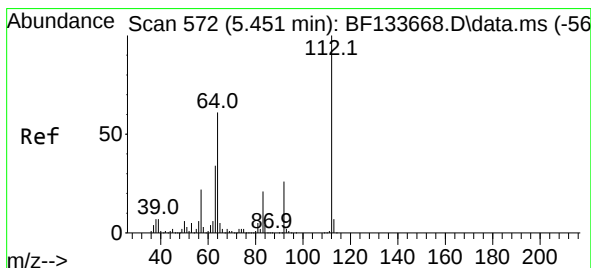
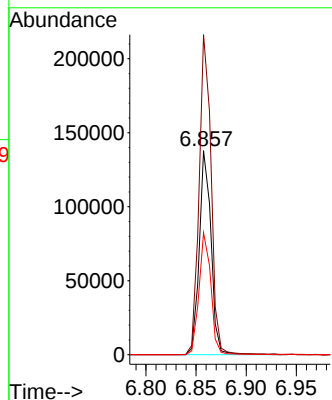
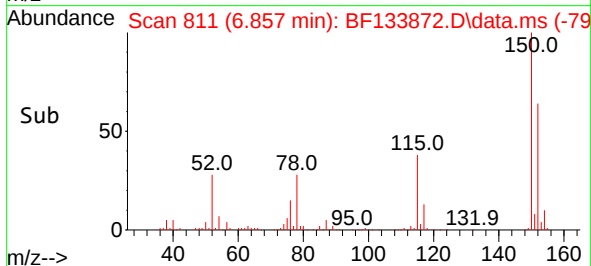


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133872.D
Acq: 21 Jun 2023 15:48

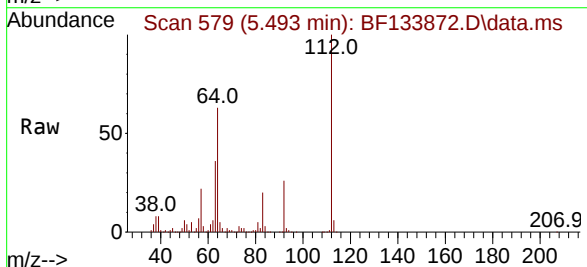
Instrument :
BNA_F
ClientSampleId :



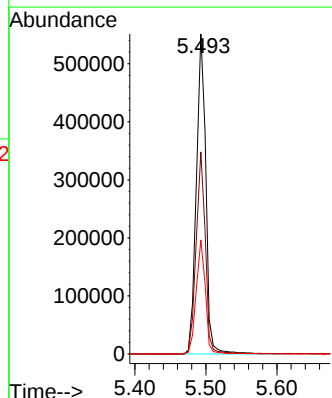
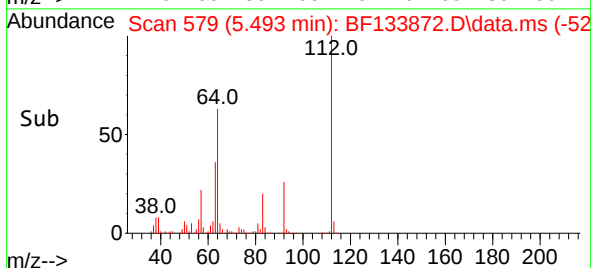
Tgt Ion:152 Resp: 112743
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 59.8 48.5 72.7

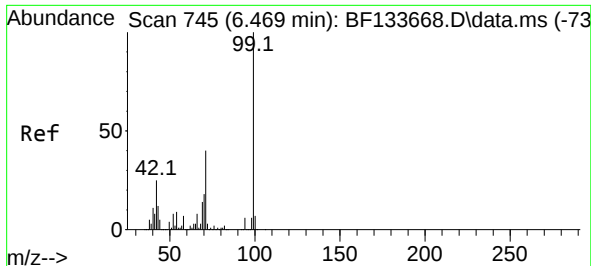


#5
2-Fluorophenol
Concen: 79.371 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF133872.D
Acq: 21 Jun 2023 15:48



Tgt Ion:112 Resp: 514015
Ion Ratio Lower Upper
112 100
64 63.1 49.0 73.4
63 35.6 26.8 40.2

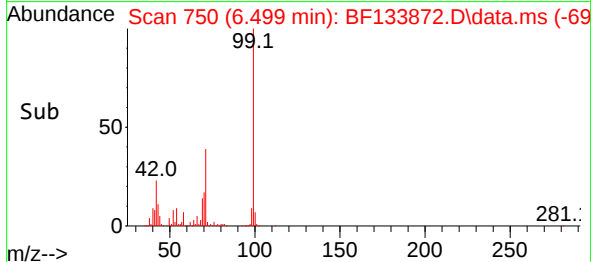
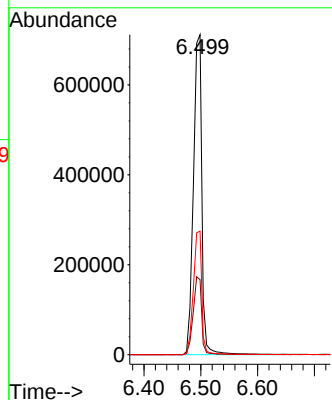
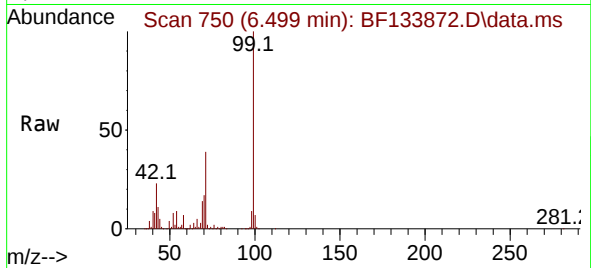




#7
Phenol-d6
Concen: 87.749 ng
RT: 6.499 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133872.D
Acq: 21 Jun 2023 15:48

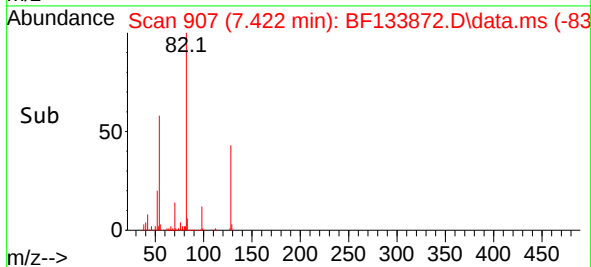
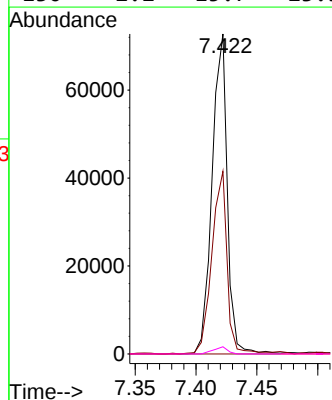
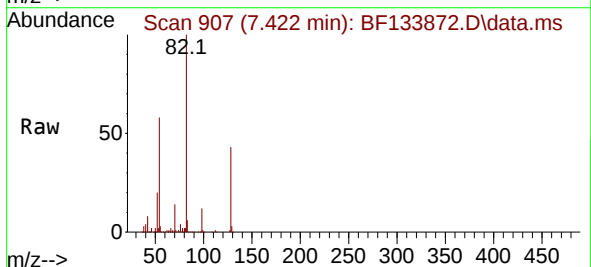
Instrument :
BNA_F
ClientSampleId :

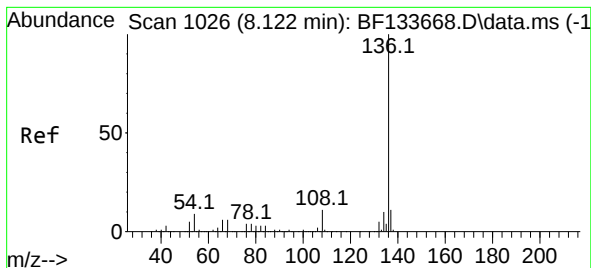
Tgt Ion: 99 Resp: 739703
Ion Ratio Lower Upper
99 100
42 23.5 19.9 29.9
71 38.6 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.740 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133872.D
Acq: 21 Jun 2023 15:48

Tgt Ion: 70 Resp: 62964
Ion Ratio Lower Upper
70 100
42 57.1 55.8 83.8
101 0.0 8.1 12.1#
130 2.2 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.140 min Scan# 1029

Delta R.T. 0.000 min

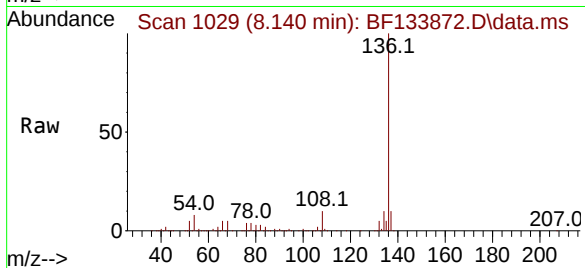
Lab File: BF133872.D

Acq: 21 Jun 2023 15:48

Instrument :

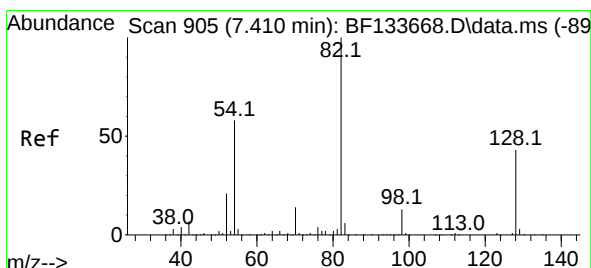
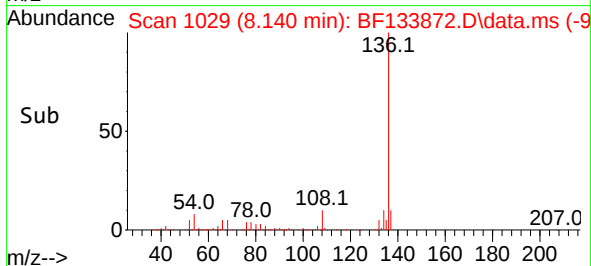
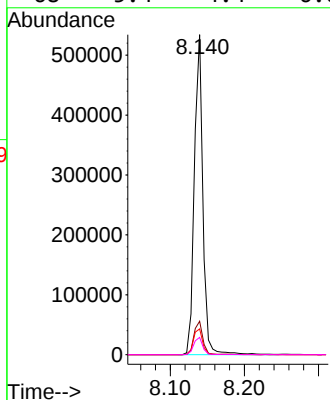
BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 426250

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.1	7.4	11.0
68	5.4	4.4	6.6



#23

Nitrobenzene-d5

Concen: 58.602 ng

RT: 7.422 min Scan# 907

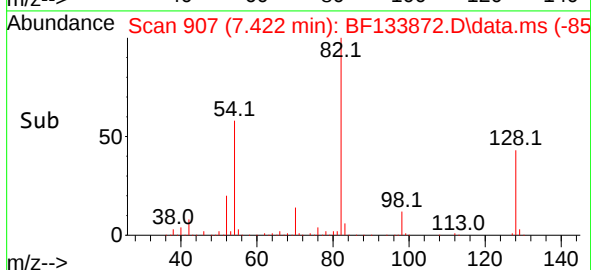
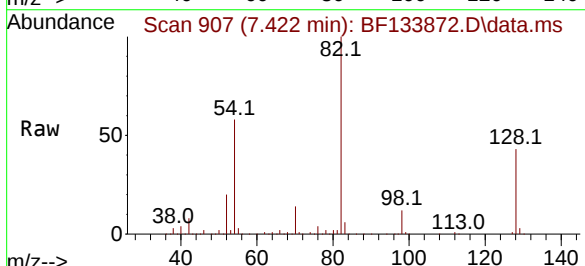
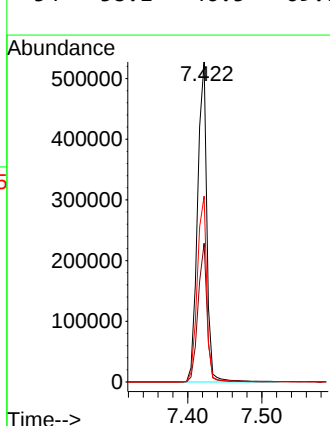
Delta R.T. 0.000 min

Lab File: BF133872.D

Acq: 21 Jun 2023 15:48

Tgt Ion: 82 Resp: 458615

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	58.1	46.5	69.7

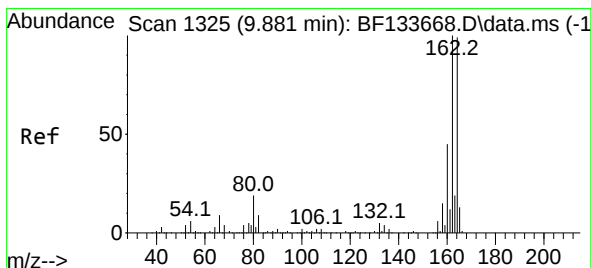
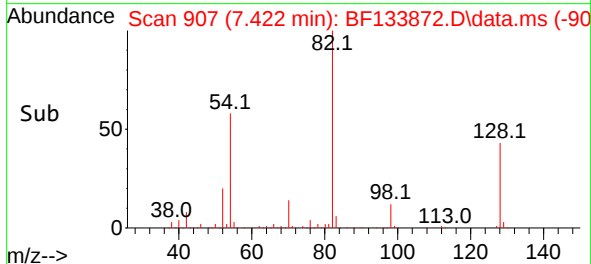
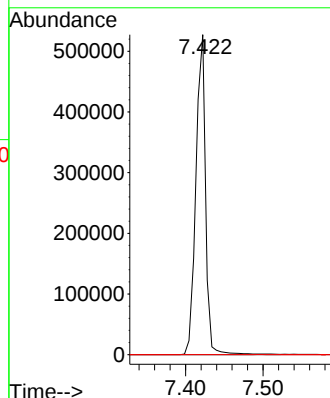
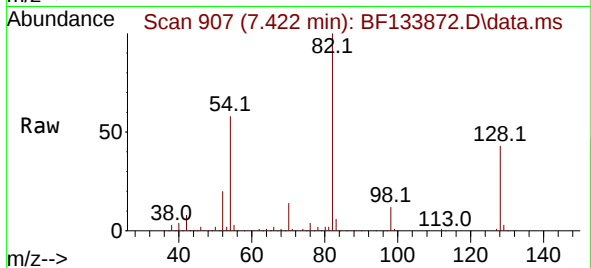




#25
Isophorone
Concen: 31.920 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133872.D
Acq: 21 Jun 2023 15:48

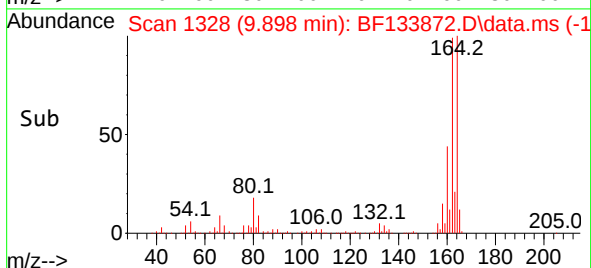
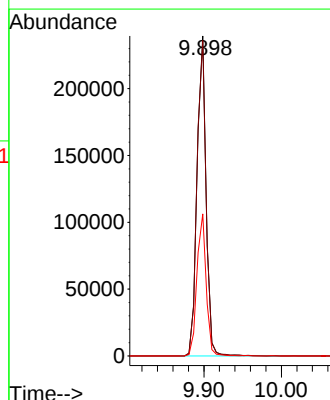
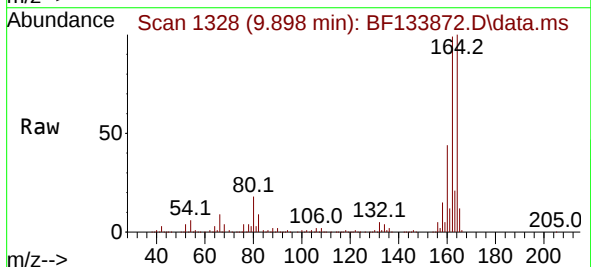
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 458610
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133872.D
Acq: 21 Jun 2023 15:48

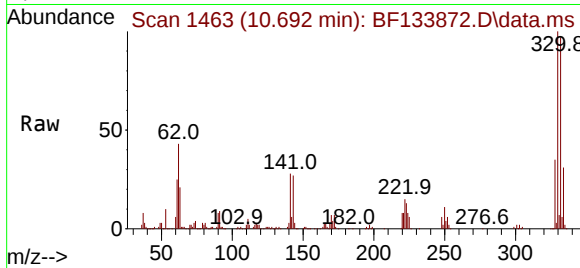
Tgt Ion:164 Resp: 193581
Ion Ratio Lower Upper
164 100
162 98.6 80.8 121.2
160 44.4 36.7 55.1



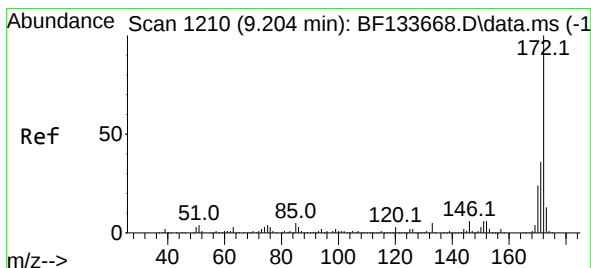
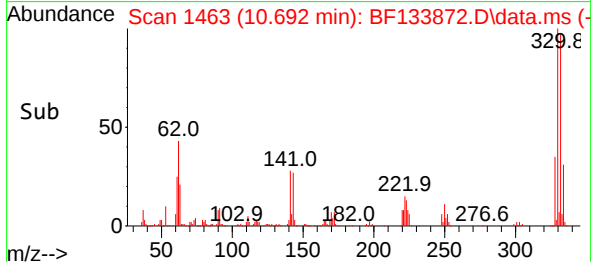
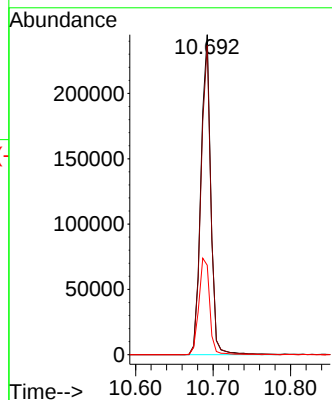


#42
 2,4,6-Tribromophenol
 Concen: 88.117 ng
 RT: 10.692 min Scan# 1463
 Delta R.T. 0.000 min
 Lab File: BF133872.D
 Acq: 21 Jun 2023 15:48

Instrument :
 BNA_F
 ClientSampleId :

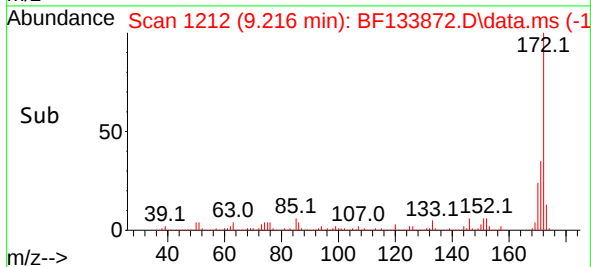
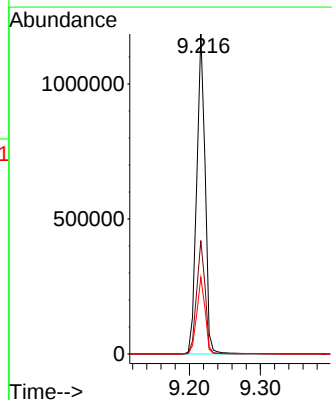
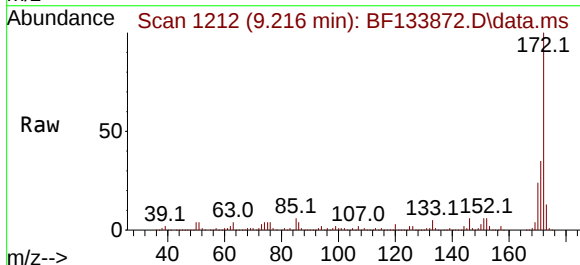


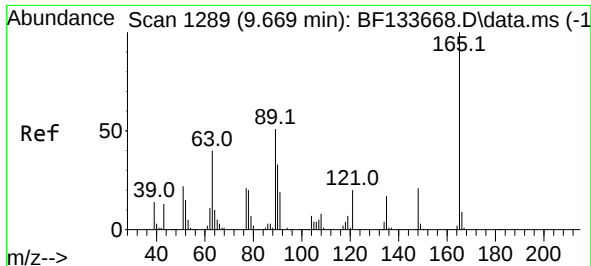
Tgt Ion:330 Resp: 215921
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.2 115.8
 141 33.0 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 72.463 ng
 RT: 9.216 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: BF133872.D
 Acq: 21 Jun 2023 15:48

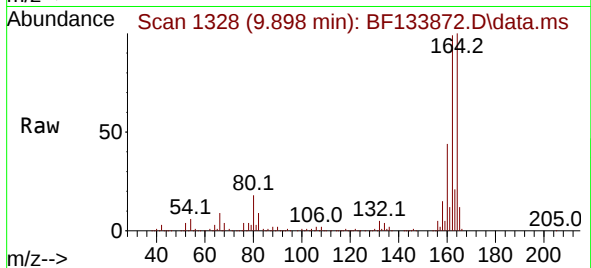
Tgt Ion:172 Resp: 986793
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.9 19.1 28.7



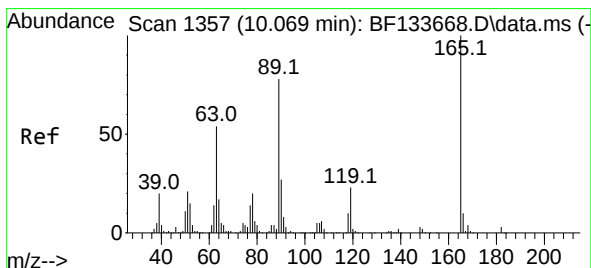
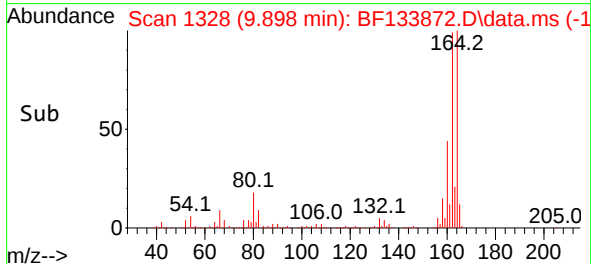
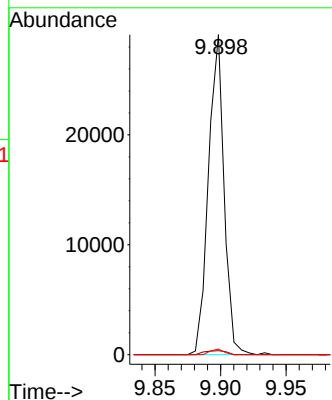


#51
2,6-Dinitrotoluene
Concen: 8.115 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF133872.D
Acq: 21 Jun 2023 15:48

Instrument :
BNA_F
ClientSampleId :

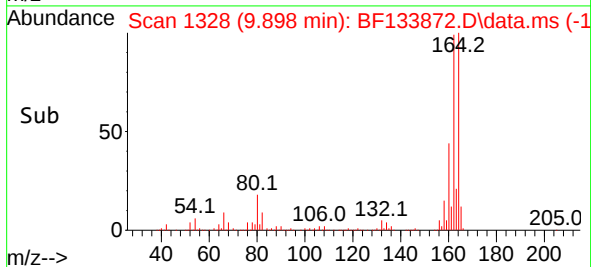
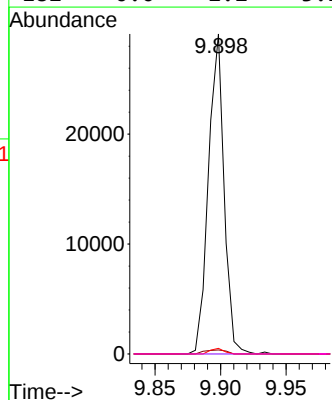
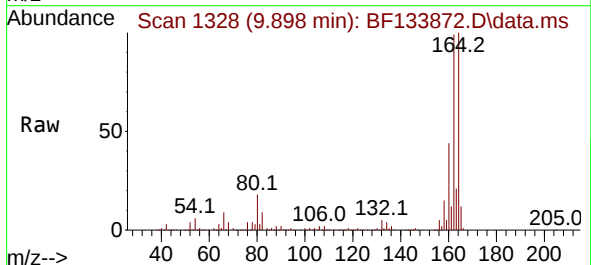


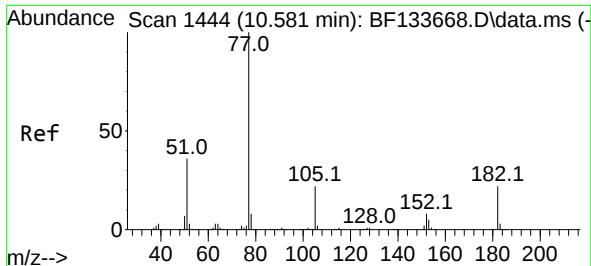
Tgt Ion:165 Resp: 24202
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 1.8 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.381 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF133872.D
Acq: 21 Jun 2023 15:48

Tgt Ion:165 Resp: 24202
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.8 62.6 93.8#
182 0.0 2.2 3.2#

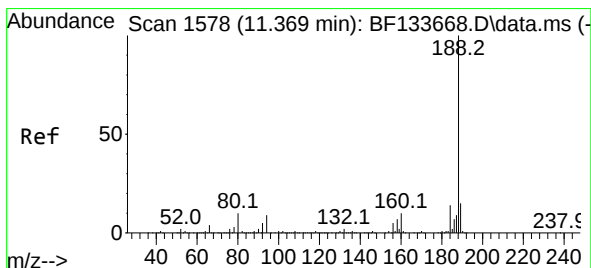
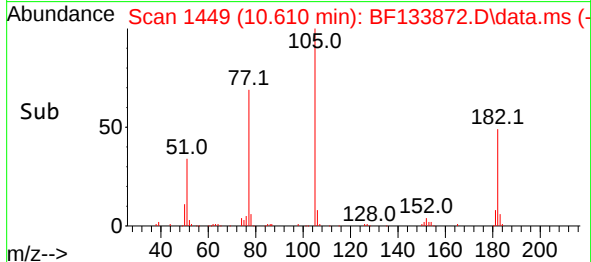
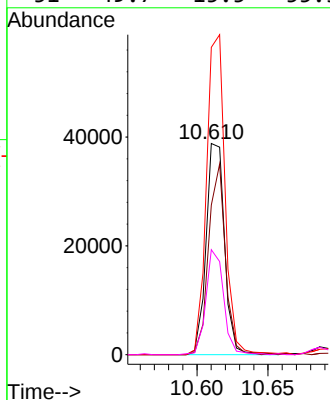
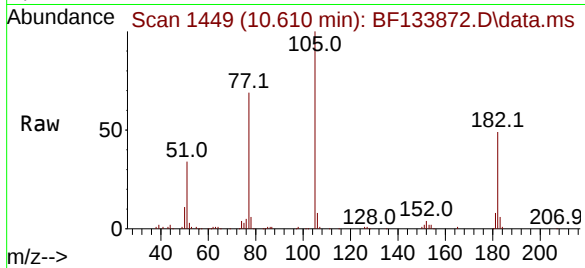




#63
Azobenzene
Concen: 2.538 ng
RT: 10.610 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BF133872.D
Acq: 21 Jun 2023 15:48

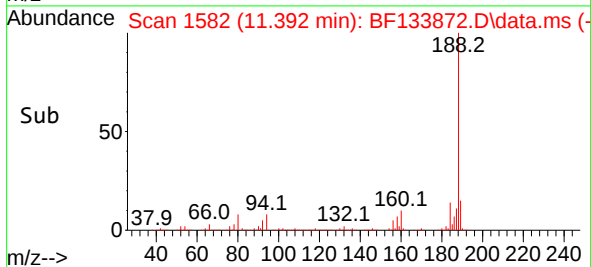
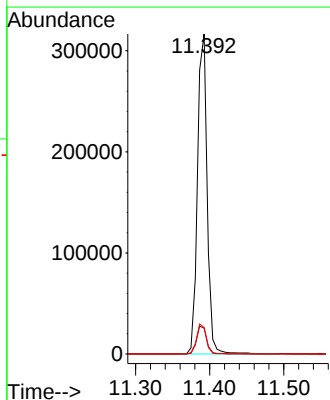
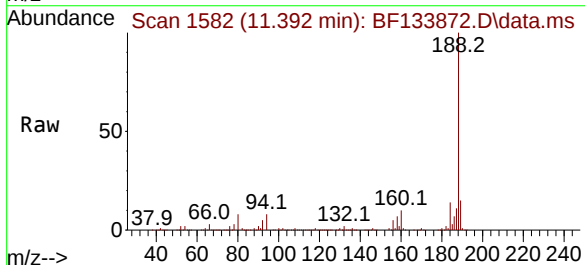
Instrument :
BNA_F
ClientSampleId :

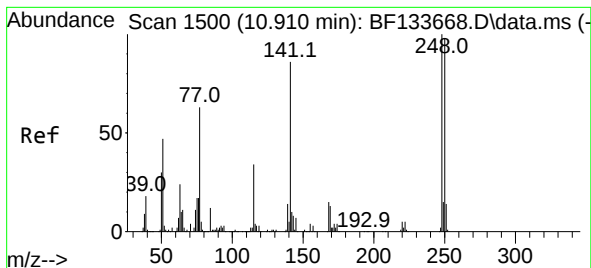
Tgt Ion: 77	Resp: 35340
Ion Ratio	Lower Upper
77 100	
182 70.8	1.6 41.6#
105 145.5	1.6 41.6#
51 49.7	15.5 55.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF133872.D
Acq: 21 Jun 2023 15:48

Tgt Ion: 188	Resp: 285434
Ion Ratio	Lower Upper
188 100	
94 8.1	6.8 10.2
80 8.3	7.8 11.6

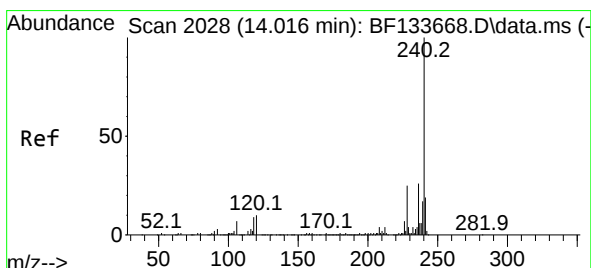
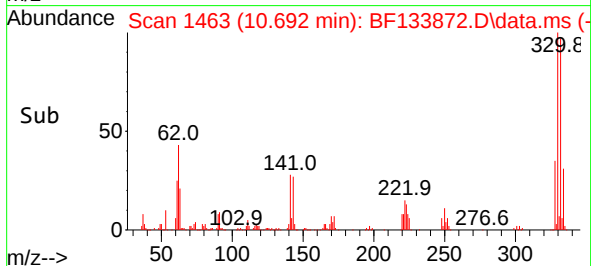
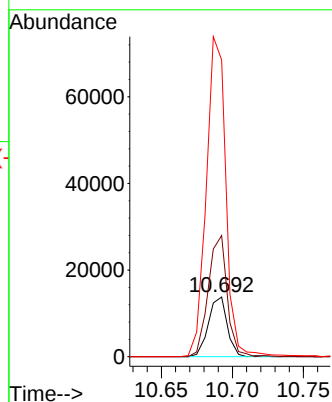
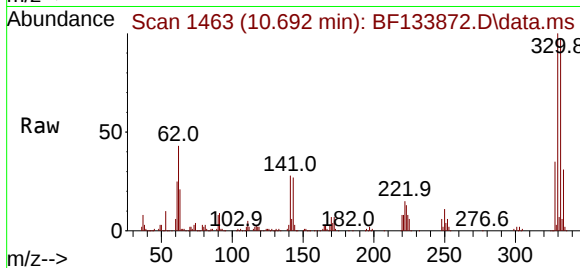




#67
4-Bromophenyl-phenylether
Concen: 4.023 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133872.D
Acq: 21 Jun 2023 15:48

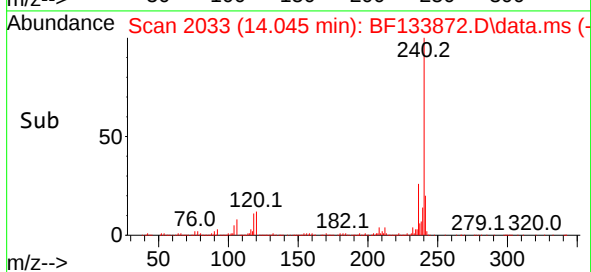
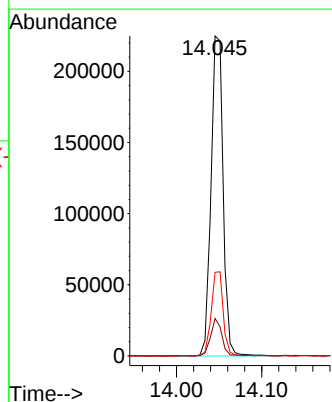
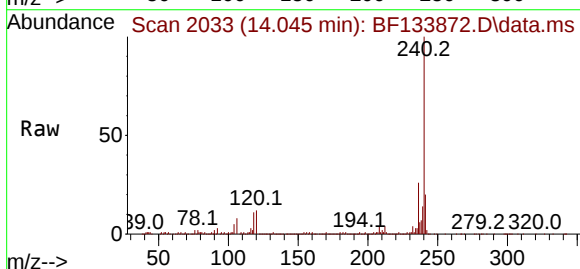
Instrument :
BNA_F
ClientSampleId :

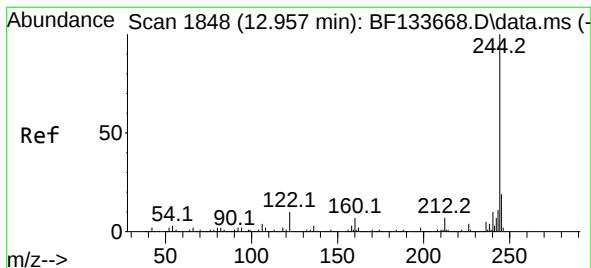
Tgt Ion:248 Resp: 12815
Ion Ratio Lower Upper
248 100
250 203.2 78.3 117.5#
141 497.4 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF133872.D
Acq: 21 Jun 2023 15:48

Tgt Ion:240 Resp: 222144
Ion Ratio Lower Upper
240 100
120 11.7 8.1 12.1
236 26.2 20.5 30.7





#79

Terphenyl-d14

Concen: 65.090 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133872.D

Acq: 21 Jun 2023 15:48

Instrument :

BNA_F

ClientSampleId :

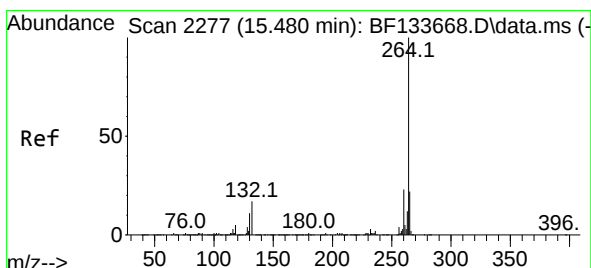
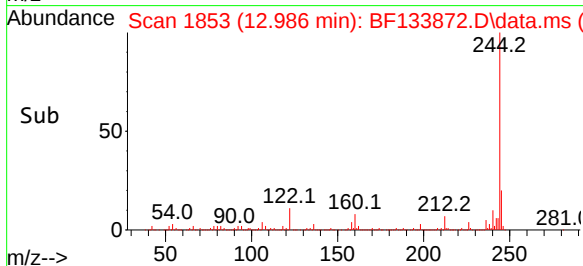
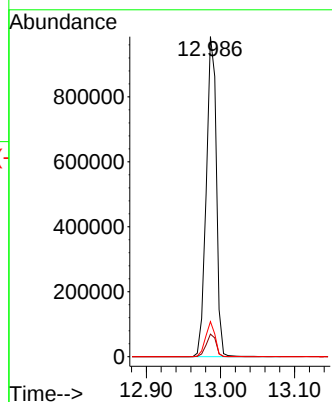
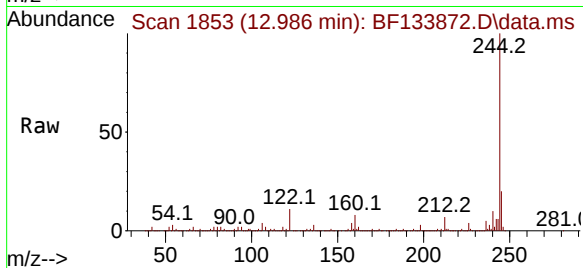
Tgt Ion:244 Resp: 934459

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.9 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF133872.D

Acq: 21 Jun 2023 15:48

Tgt Ion:264 Resp: 185065

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.2

265 21.8 17.8 26.6

