

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
 Data File : BF133879.D
 Acq On : 21 Jun 2023 19:34
 Operator : CG\JU
 Sample : 03262-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 05:58:59 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)

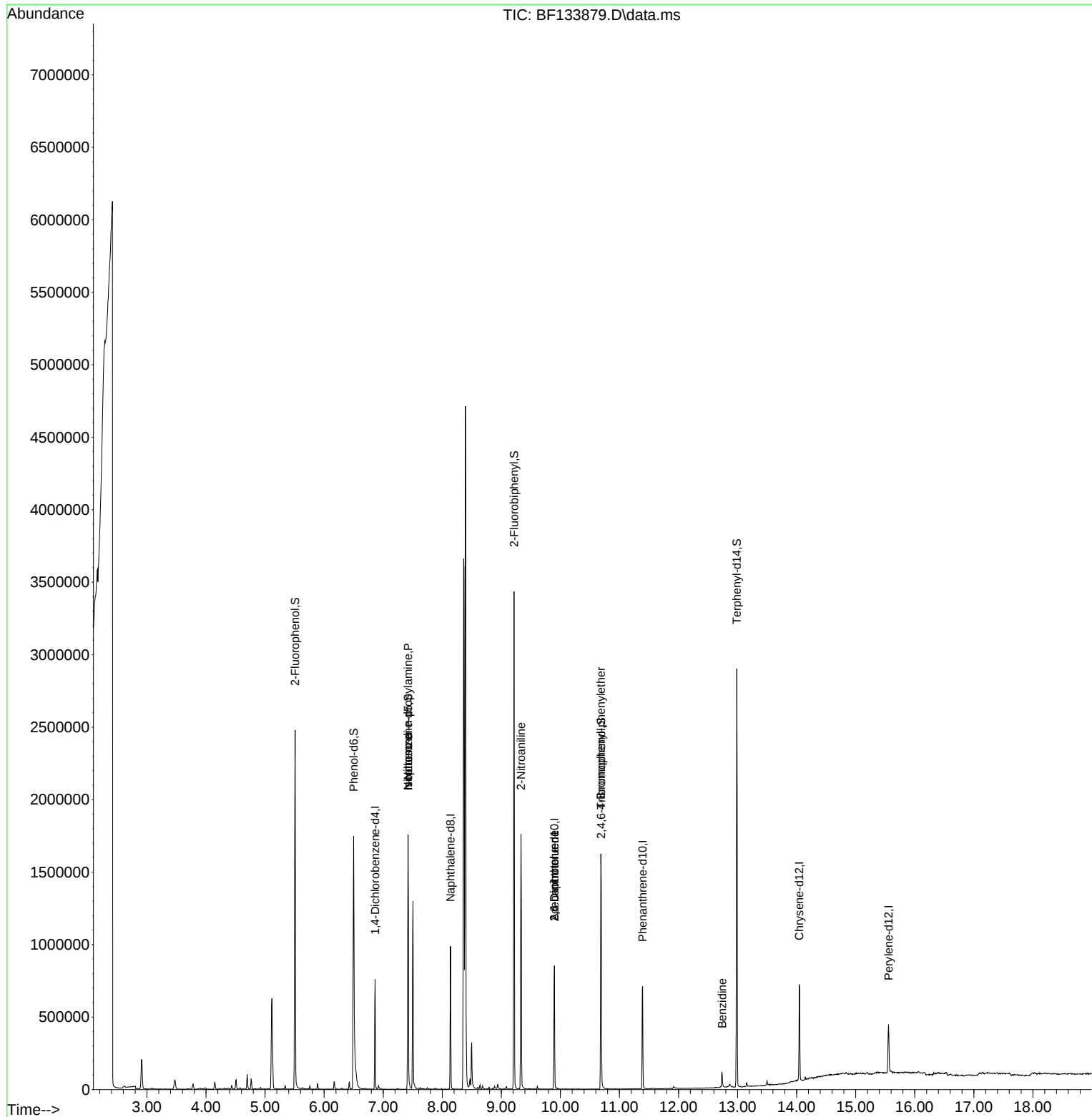
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	103898	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	369851	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	162289	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	274357	20.000	ng	0.00
76) Chrysene-d12	14.045	240	231108	20.000	ng	0.00
86) Perylene-d12	15.557	264	164666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	621672	104.166	ng	0.02
7) Phenol-d6	6.498	99	711167	91.546	ng	0.00
23) Nitrobenzene-d5	7.422	82	520826	76.700	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	197317	96.051	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	940717	82.399	ng	0.00
79) Terphenyl-d14	12.986	244	959041	64.211	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	73253	14.821	ng	# 79
25) Isophorone	7.422	82	520821	41.778	ng	# 65
48) 2-Nitroaniline	9.333	65	17070	4.971	ng	# 14
51) 2,6-Dinitrotoluene	9.898	165	20823	8.328	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	20823	6.548	ng	# 20
67) 4-Bromophenyl-phenylether	10.686	248	11841	3.867	ng	# 1
77) Benzidine	12.739	184	47122	6.076	ng	97

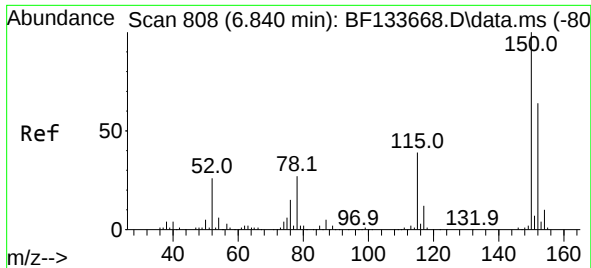
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133879.D
Acq On : 21 Jun 2023 19:34
Operator : CG\JU
Sample : 03262-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

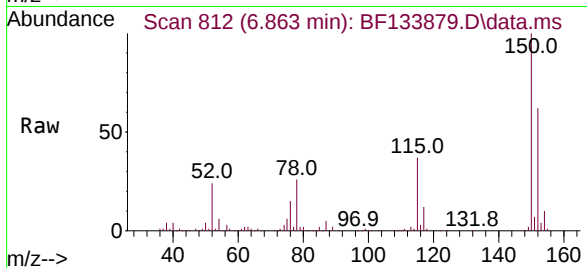
Quant Time: Jun 22 05:58:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 13:43:46 2023
Response via : Initial Calibration



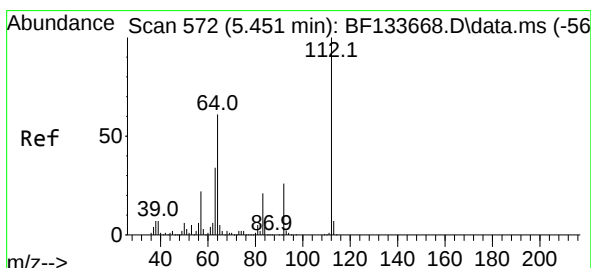
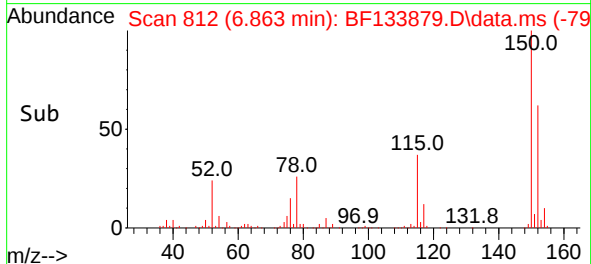
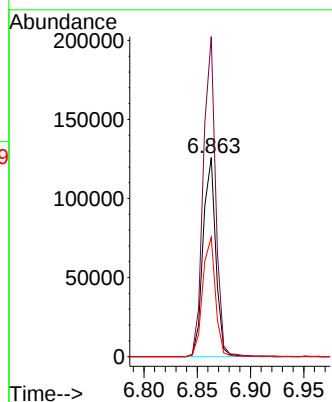


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

Instrument :
BNA_F
ClientSampleId :

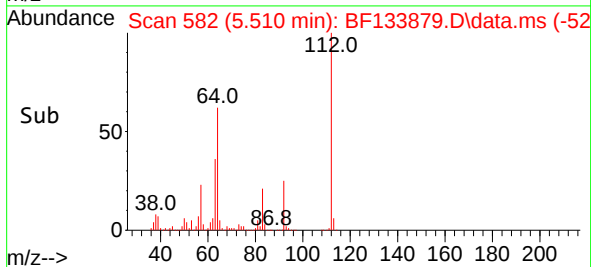
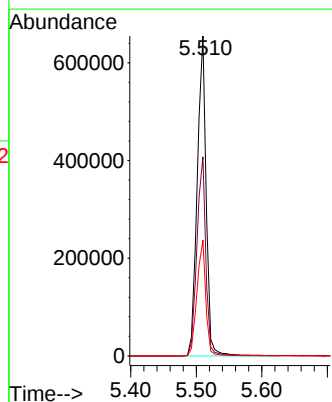
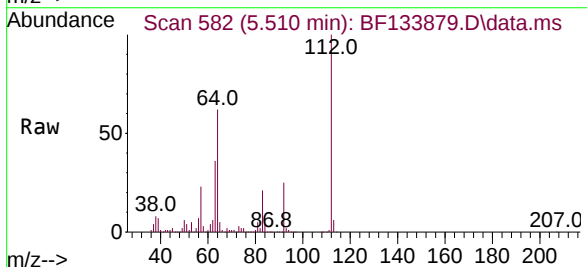


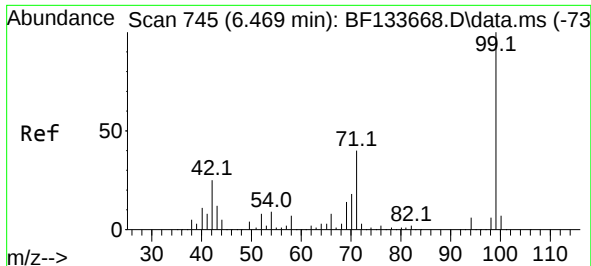
Tgt Ion:152 Resp: 103898
Ion Ratio Lower Upper
152 100
150 160.9 124.3 186.5
115 60.0 48.5 72.7



#5
2-Fluorophenol
Concen: 104.166 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

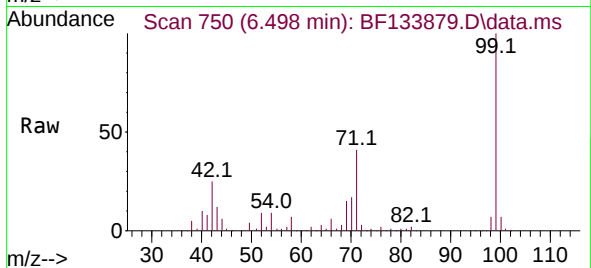
Tgt Ion:112 Resp: 621672
Ion Ratio Lower Upper
112 100
64 62.2 49.0 73.4
63 36.2 26.8 40.2



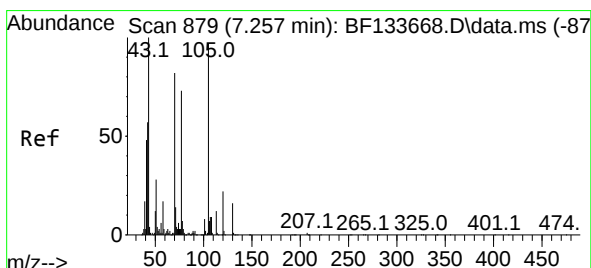
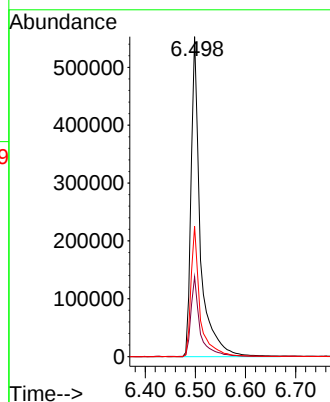
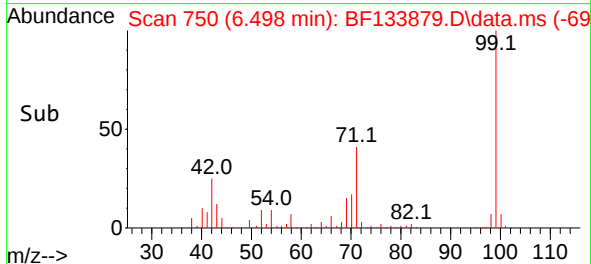


#7
Phenol-d6
Concen: 91.546 ng
RT: 6.498 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

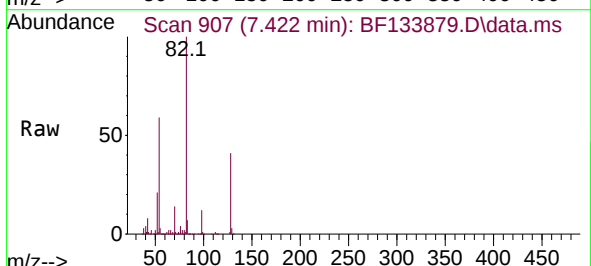
Instrument :
BNA_F
ClientSampleId :



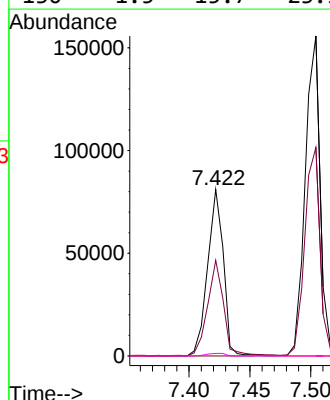
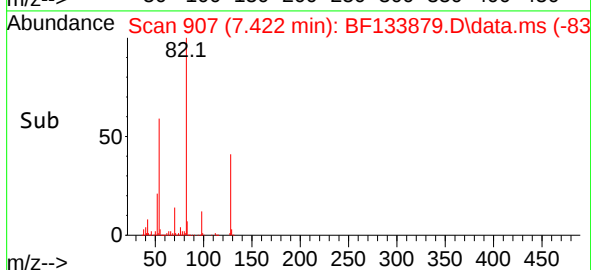
Tgt Ion: 99 Resp: 711167
Ion Ratio Lower Upper
99 100
42 24.9 19.9 29.9
71 40.7 32.2 48.4

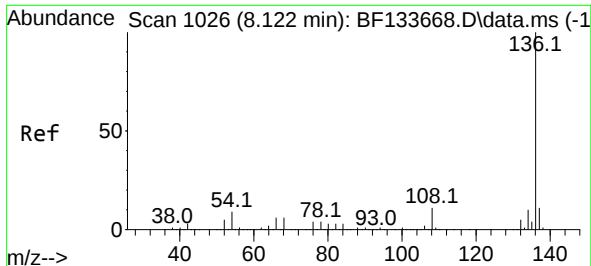


#19
n-Nitroso-di-n-propylamine
Concen: 14.821 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34



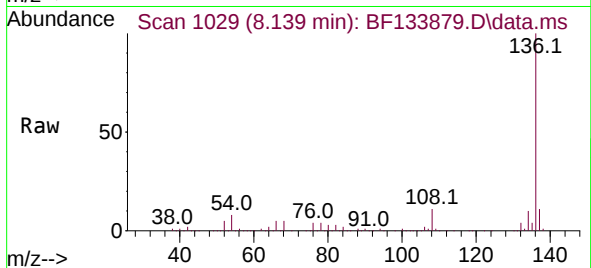
Tgt Ion: 70 Resp: 73253
Ion Ratio Lower Upper
70 100
42 57.4 55.8 83.8
101 0.0 8.1 12.1#
130 1.5 15.7 23.5#



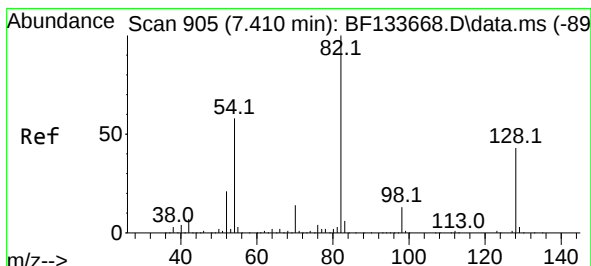
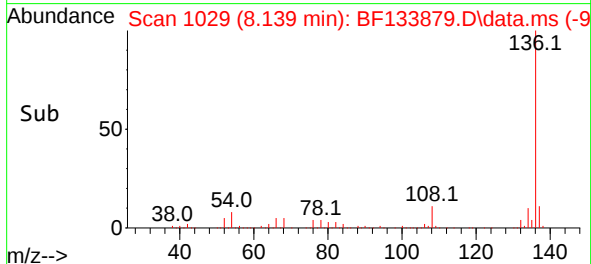
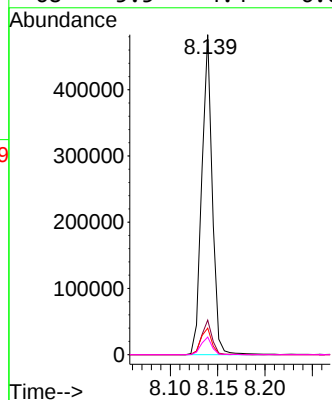


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

Instrument :
BNA_F
ClientSampleId :

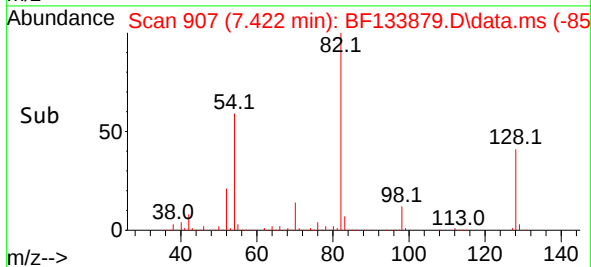
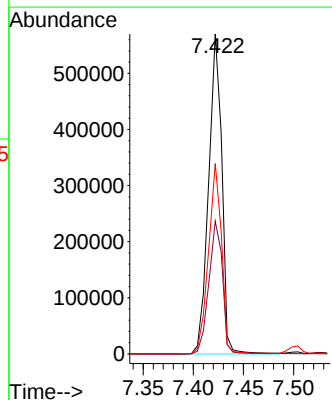
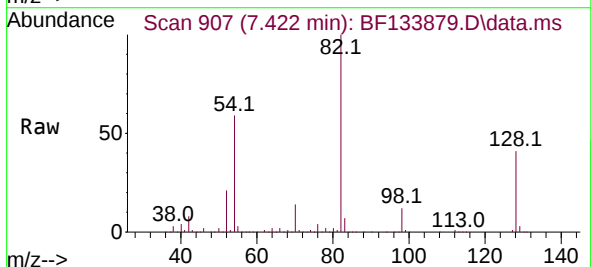


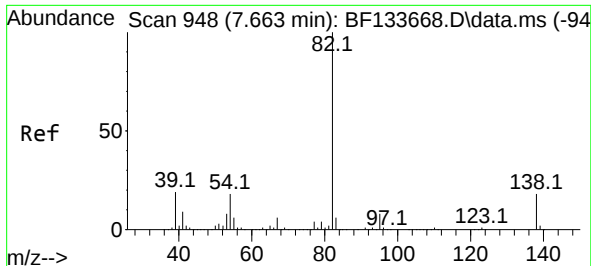
Tgt Ion:136 Resp: 369851
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.3 7.4 11.0
68 5.5 4.4 6.6



#23
Nitrobenzene-d5
Concen: 76.700 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

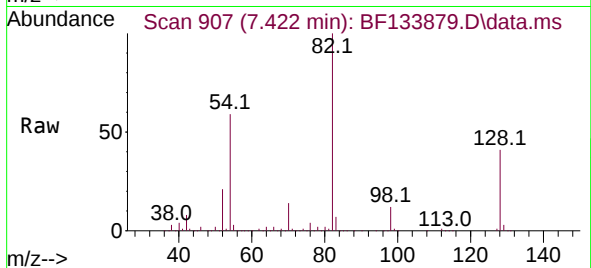
Tgt Ion: 82 Resp: 520826
Ion Ratio Lower Upper
82 100
128 41.5 34.2 51.2
54 59.5 46.5 69.7



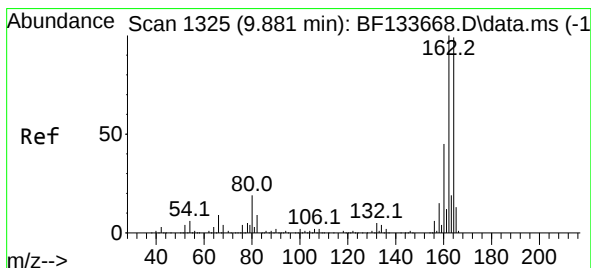
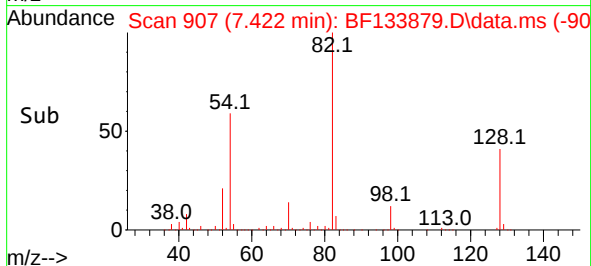
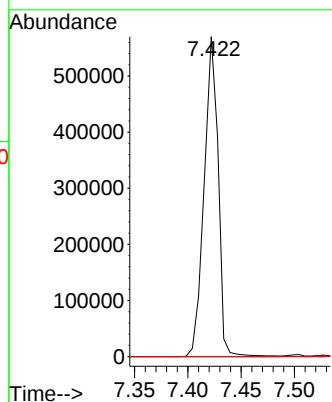


#25
Isophorone
Concen: 41.778 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

Instrument :
BNA_F
ClientSampleId :

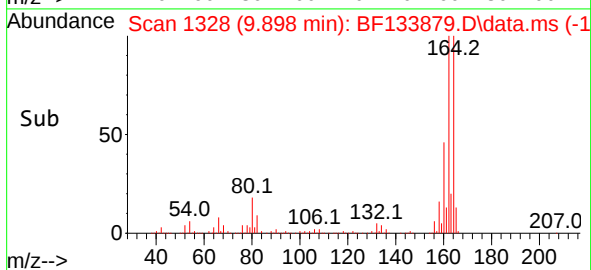
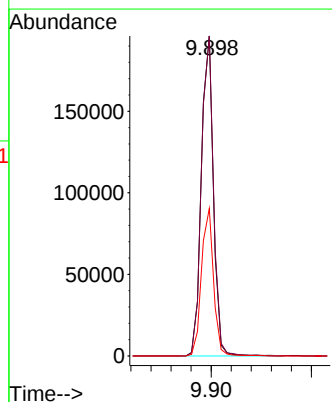
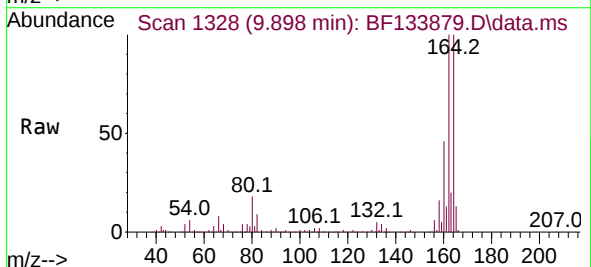


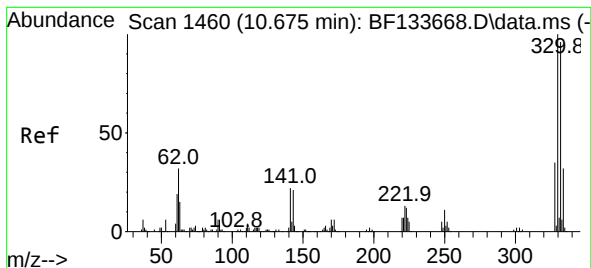
Tgt Ion: 82 Resp: 520821
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

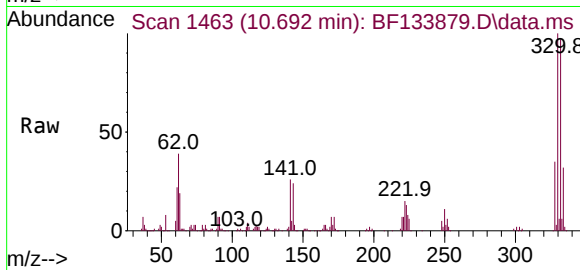
Tgt Ion: 164 Resp: 162289
Ion Ratio Lower Upper
164 100
162 100.0 80.8 121.2
160 46.1 36.7 55.1



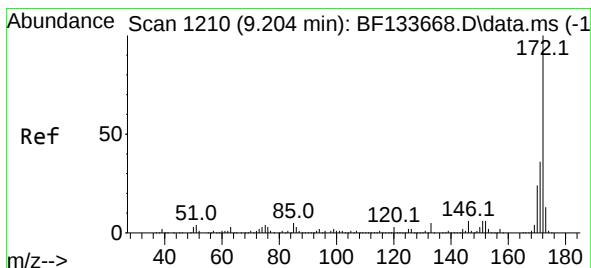
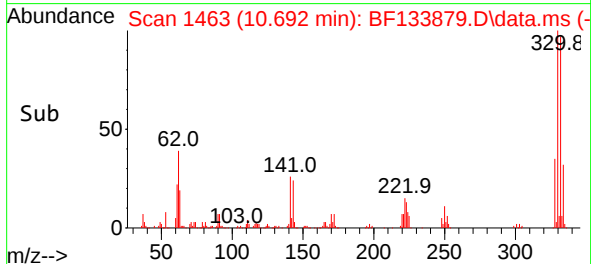
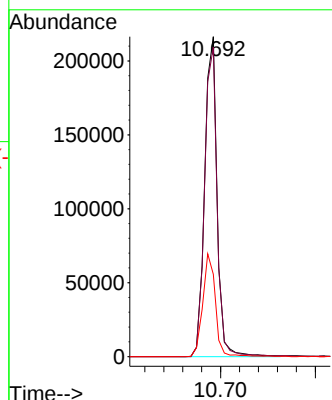


#42
2,4,6-Tribromophenol
Concen: 96.051 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

Instrument :
BNA_F
ClientSampleId :

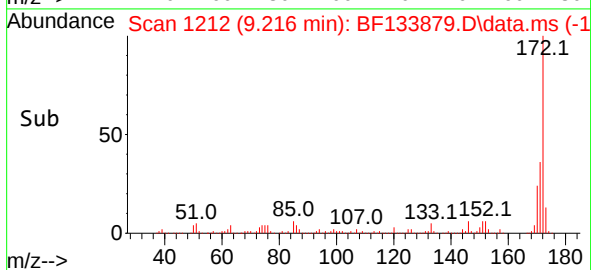
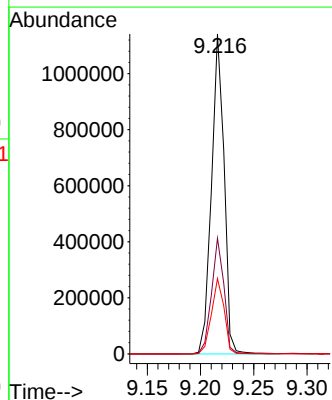
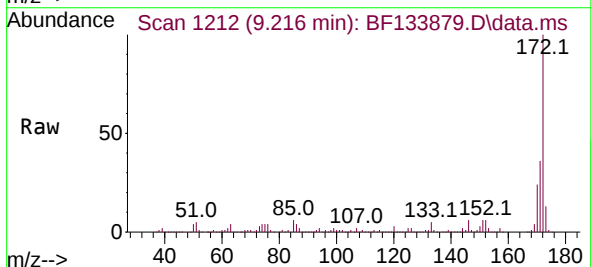


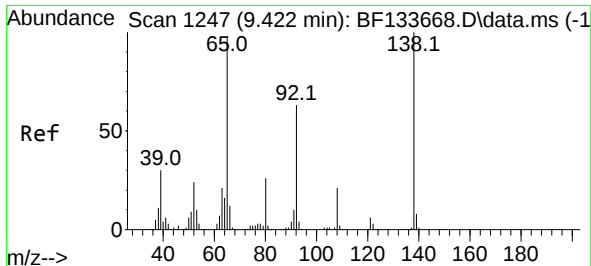
Tgt Ion:330 Resp: 197317
Ion Ratio Lower Upper
330 100
332 98.1 77.2 115.8
141 32.7 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 82.399 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

Tgt Ion:172 Resp: 940717
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.5 19.1 28.7

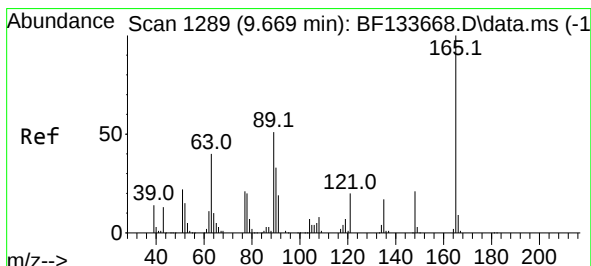
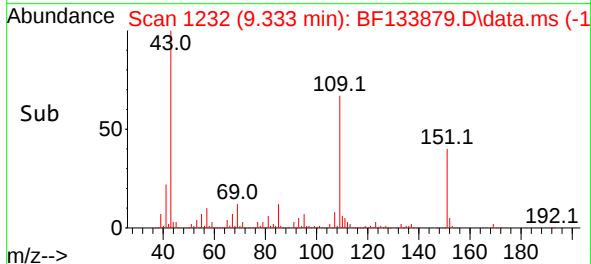
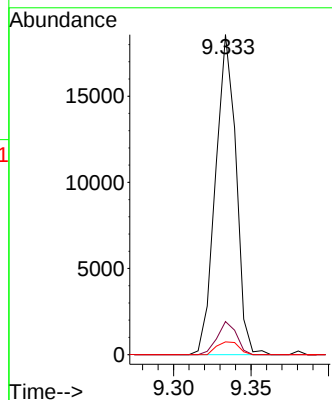
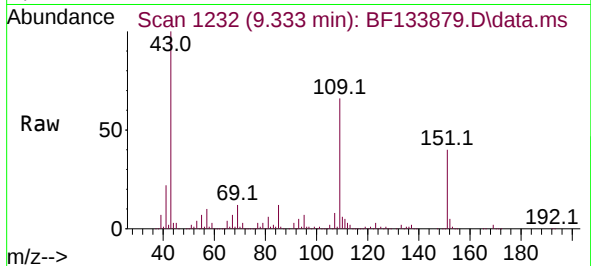




#48
2-Nitroaniline
Concen: 4.971 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

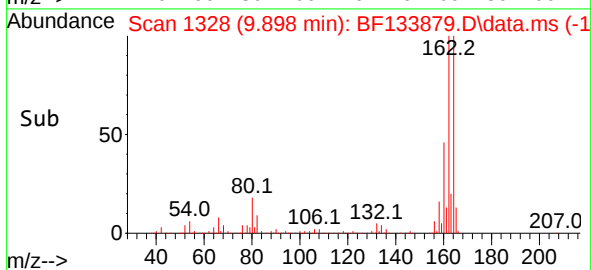
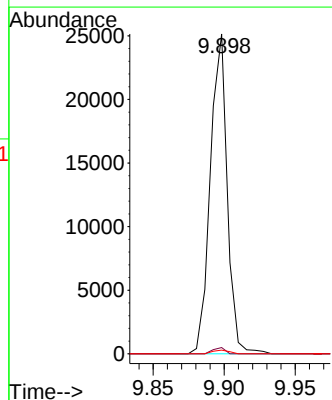
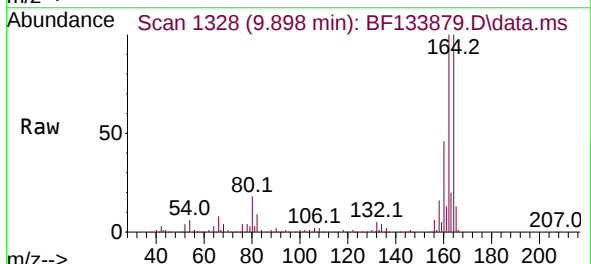
Instrument :
BNA_F
ClientSampleId :

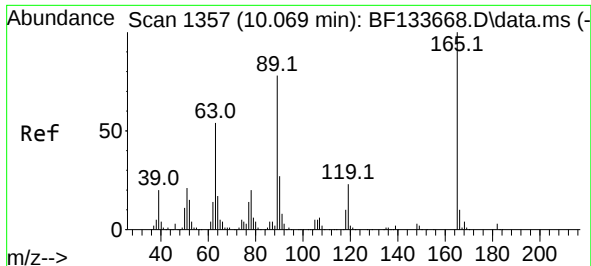
Tgt Ion: 65 Resp: 17070
Ion Ratio Lower Upper
65 100
92 10.3 51.8 77.6#
138 4.0 82.1 123.1#



#51
2,6-Dinitrotoluene
Concen: 8.328 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.218 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

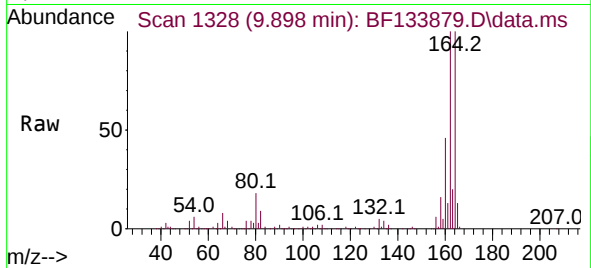
Tgt Ion:165 Resp: 20823
Ion Ratio Lower Upper
165 100
63 2.0 42.1 63.1#
89 1.2 40.9 61.3#



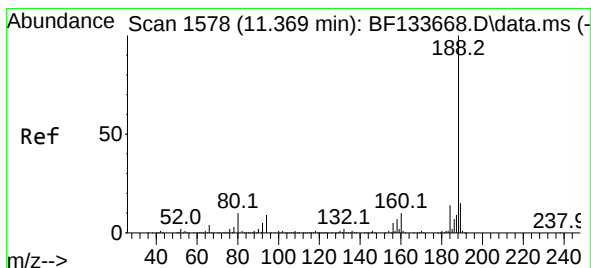
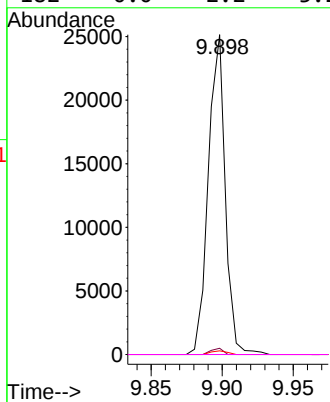
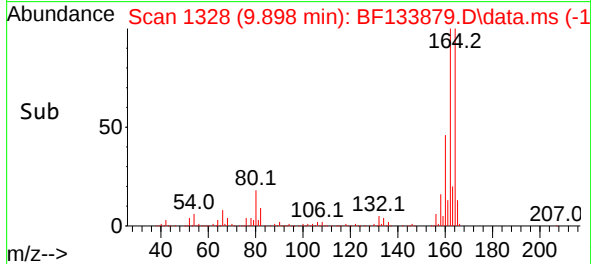


#57
2,4-Dinitrotoluene
Concen: 6.548 ng
RT: 9.898 min Scan# 1582
Delta R.T. -0.188 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

Instrument :
BNA_F
ClientSampleId :

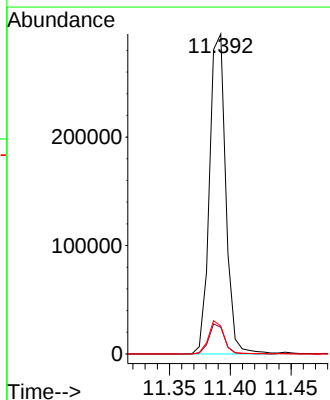
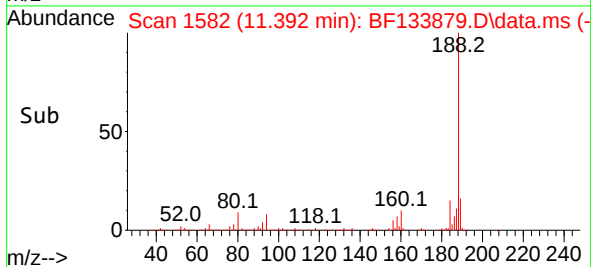
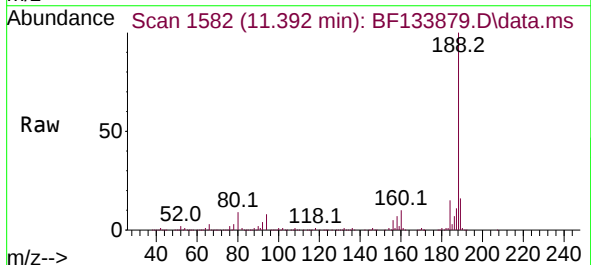


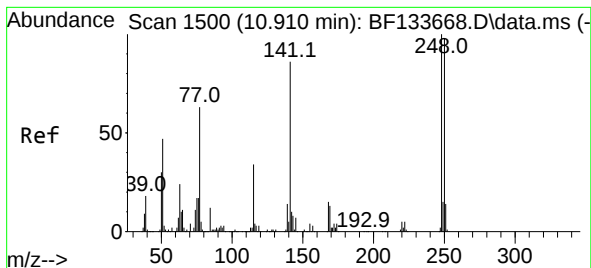
Tgt Ion:165 Resp: 20823
Ion Ratio Lower Upper
165 100
63 2.0 43.0 64.6#
89 1.2 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

Tgt Ion:188 Resp: 274357
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.7 7.8 11.6

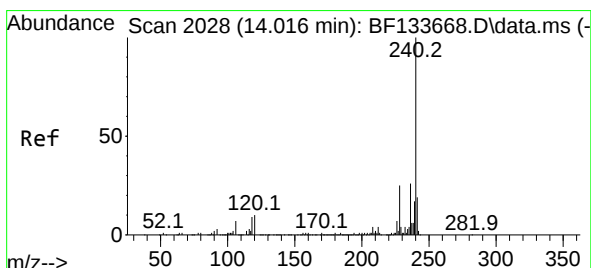
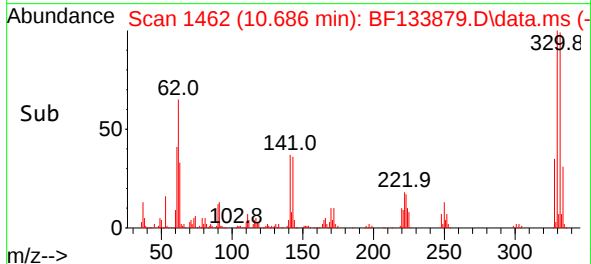
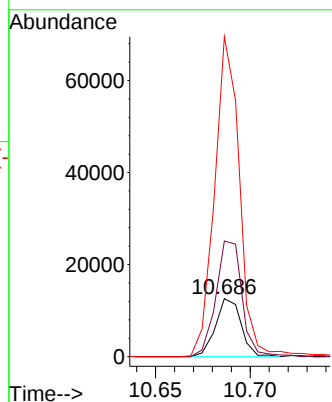
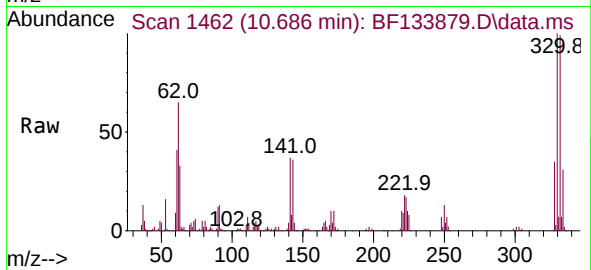




#67
4-Bromophenyl-phenylether
Concen: 3.867 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

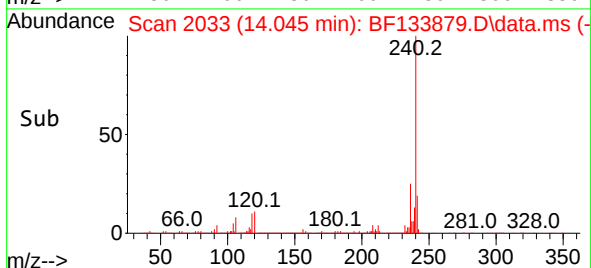
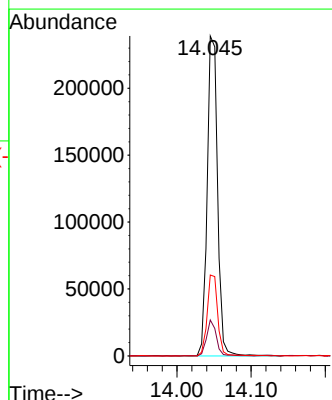
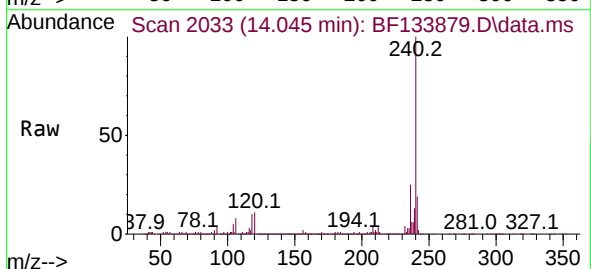
Instrument :
BNA_F
ClientSampleId :

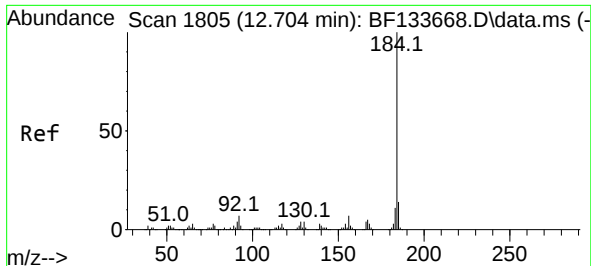
Tgt Ion:248 Resp: 11841
Ion Ratio Lower Upper
248 100
250 199.1 78.3 117.5#
141 551.2 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

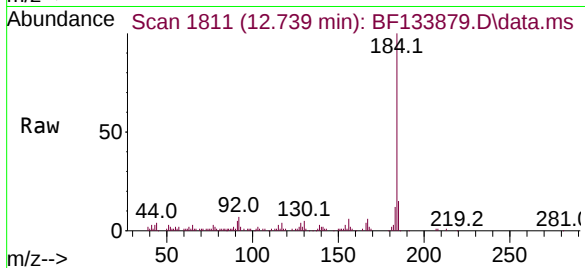
Tgt Ion:240 Resp: 231108
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 25.3 20.5 30.7



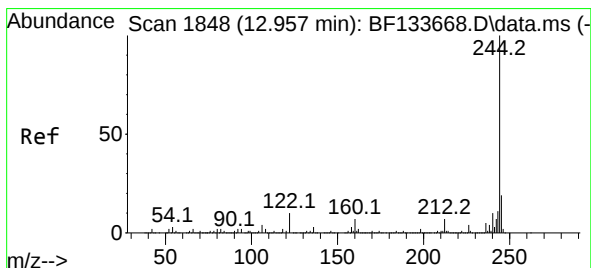
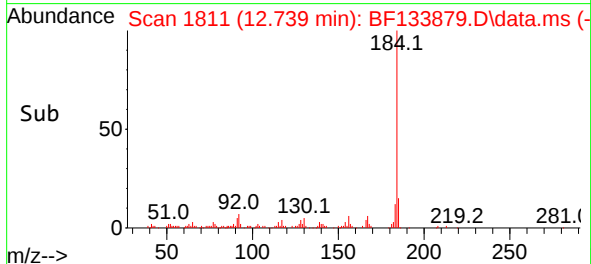
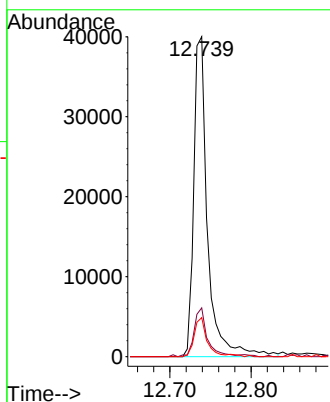


#77
Benzidine
Concen: 6.076 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

Instrument :
BNA_F
ClientSampleId :

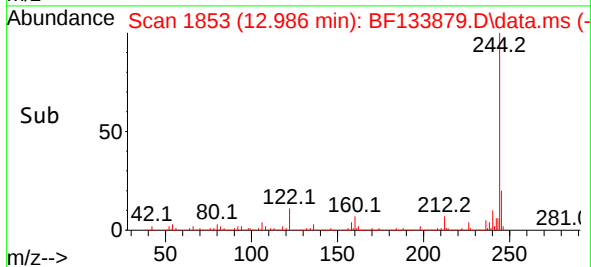
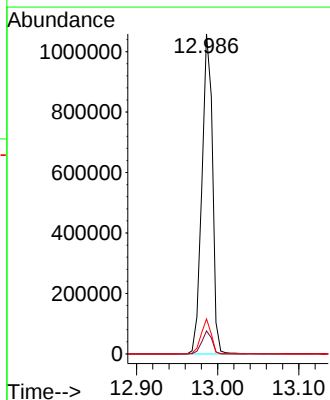
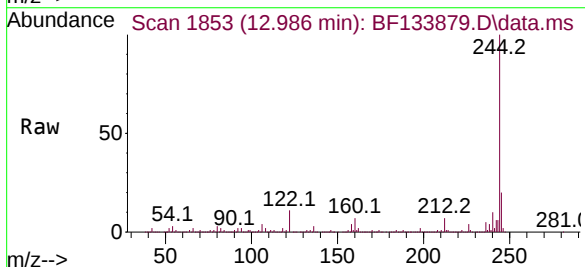


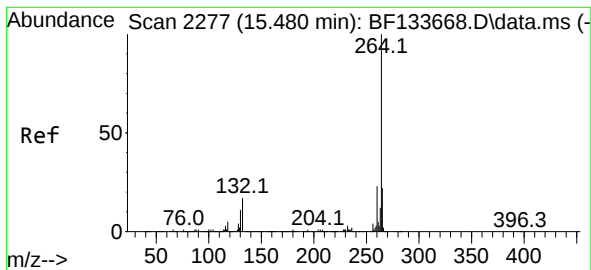
Tgt Ion:184 Resp: 47122
Ion Ratio Lower Upper
184 100
185 15.2 11.6 17.4
183 12.2 8.4 12.6



#79
Terphenyl-d14
Concen: 64.211 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

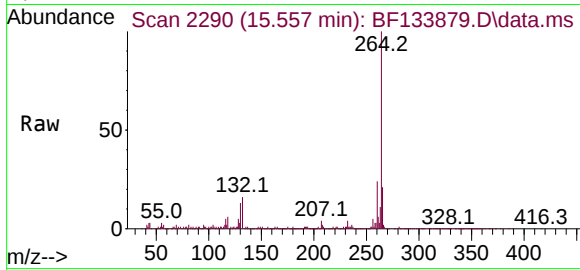
Tgt Ion:244 Resp: 959041
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.9 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133879.D
Acq: 21 Jun 2023 19:34

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 164666

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	21.1	17.8	26.6

