

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133918.D
 Acq On : 23 Jun 2023 00:24
 Operator : CG\JU
 Sample :
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-23

Quant Time: Jun 23 05:06:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

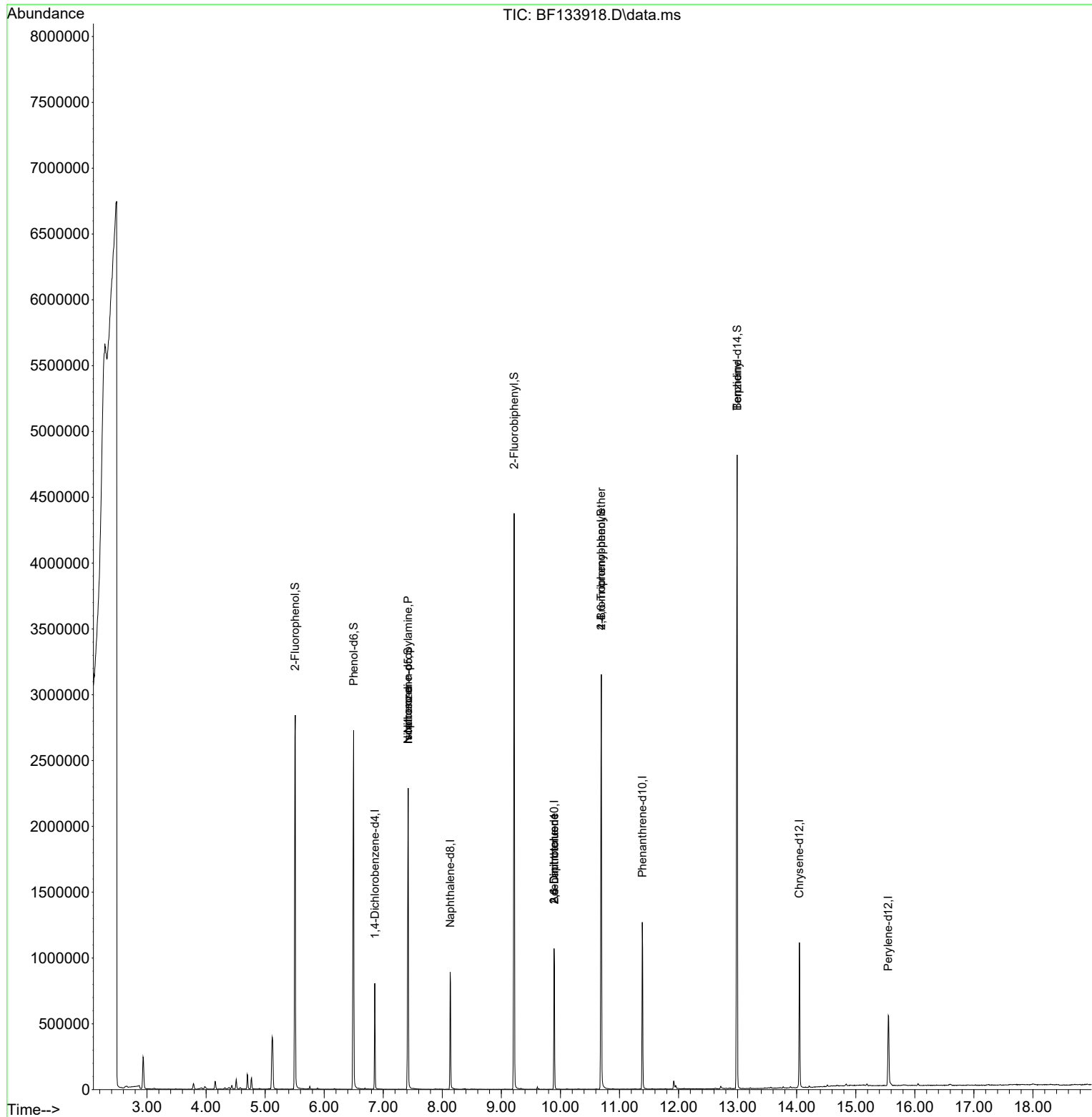
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	107005	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	413214	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	218165	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	484366	20.000	ng	0.00
76) Chrysene-d12	14.045	240	380611	20.000	ng	-0.01
86) Perylene-d12	15.551	264	282235	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	787698	128.153	ng	0.02
7) Phenol-d6	6.498	99	888182	111.013	ng	0.00
23) Nitrobenzene-d5	7.422	82	720828	95.014	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	407805	147.671	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1329458	86.625	ng	0.00
79) Terphenyl-d14	12.992	244	1812441	73.683	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	99988	19.642	ng	# 77
25) Isophorone	7.422	82	720823	51.754	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	27775	8.263	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	27775	6.497	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	24342	4.503	ng	# 1
77) Benzidine	12.992	184	25779	2.018	ng	# 94

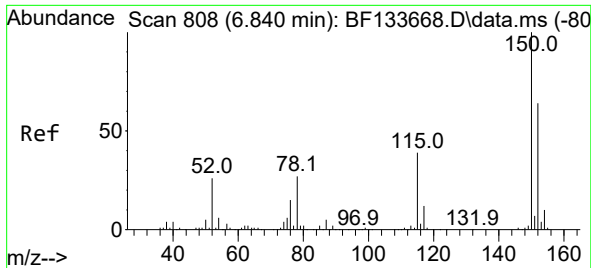
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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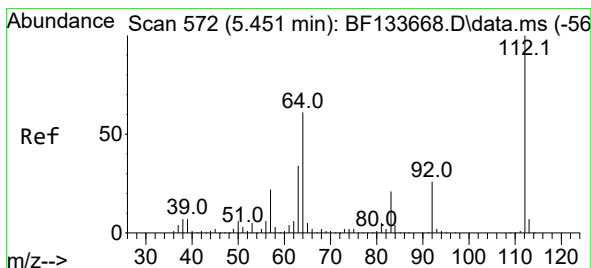
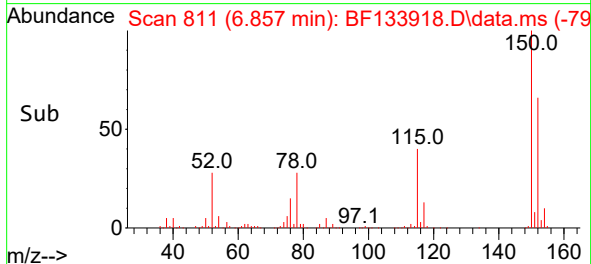
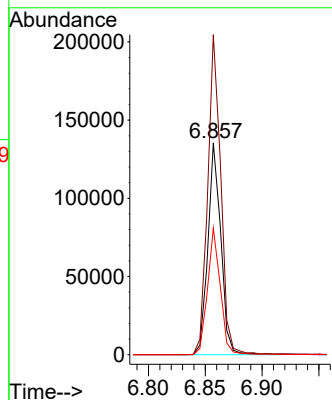
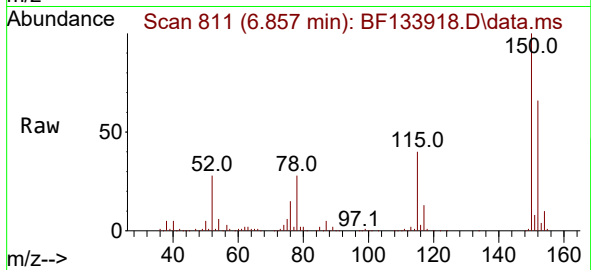




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

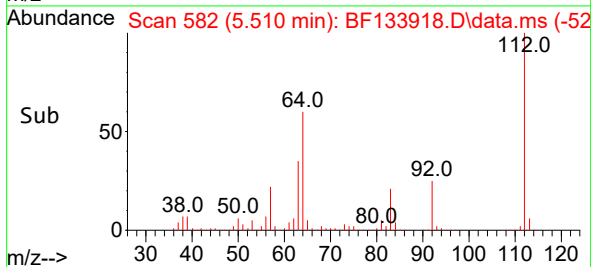
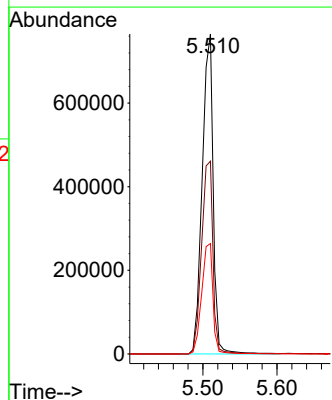
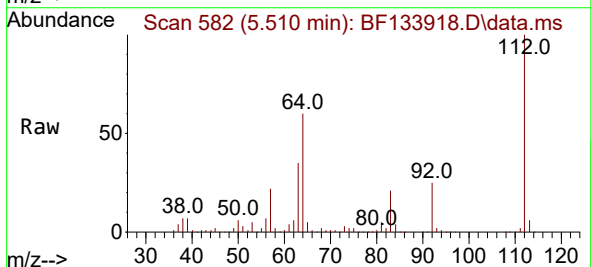
Instrument :
BNA_F
ClientSampleId :
WC-23

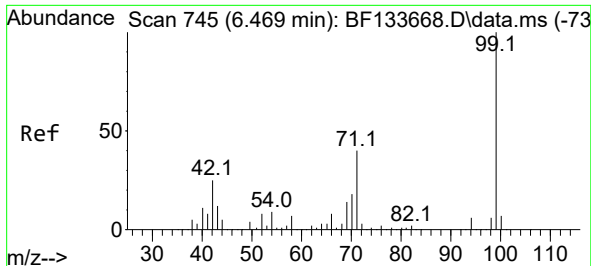
Tgt Ion:152 Resp: 107005
Ion Ratio Lower Upper
152 100
150 151.1 124.3 186.5
115 59.7 48.5 72.7



#5
2-Fluorophenol
Concen: 128.153 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

Tgt Ion:112 Resp: 787698
Ion Ratio Lower Upper
112 100
64 60.3 49.0 73.4
63 34.5 26.8 40.2

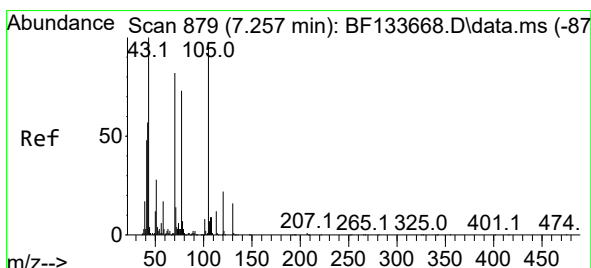
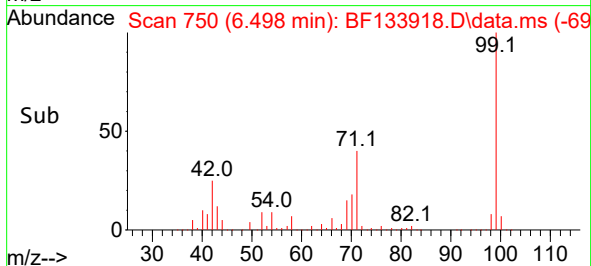
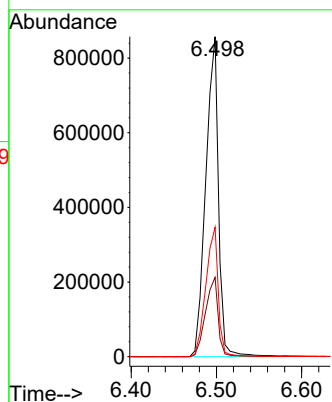
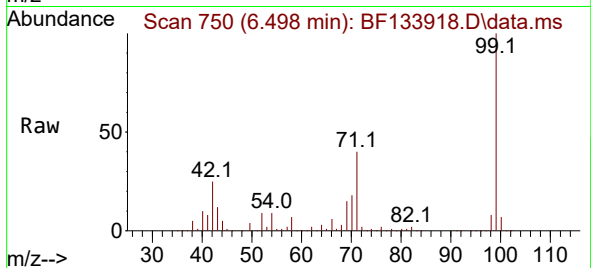




#7
Phenol-d6
Concen: 111.013 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

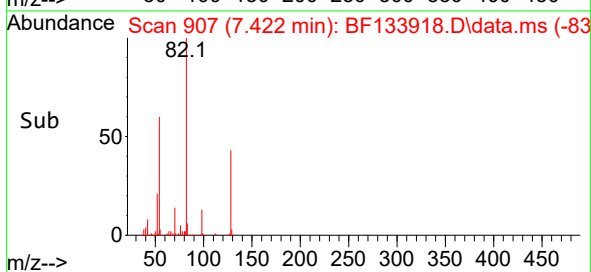
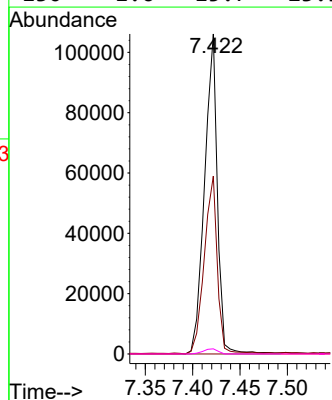
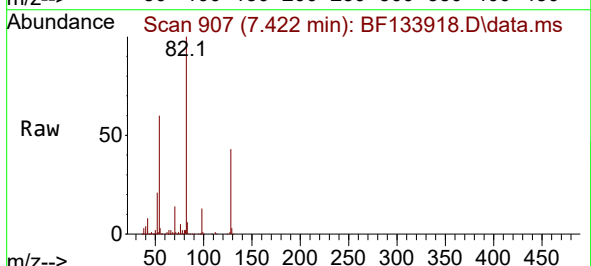
Instrument :
BNA_F
ClientSampleId :
WC-23

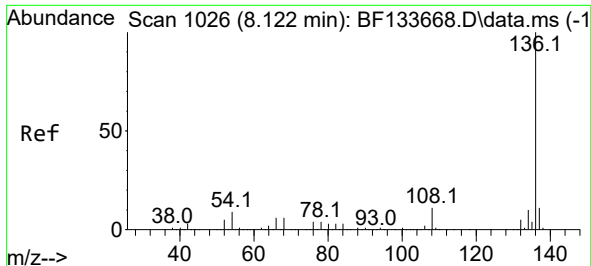
Tgt Ion: 99 Resp: 888182
Ion Ratio Lower Upper
99 100
42 24.8 19.9 29.9
71 40.4 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.642 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

Tgt Ion: 70 Resp: 99988
Ion Ratio Lower Upper
70 100
42 55.6 55.8 83.8#
101 0.0 8.1 12.1#
130 1.6 15.7 23.5#

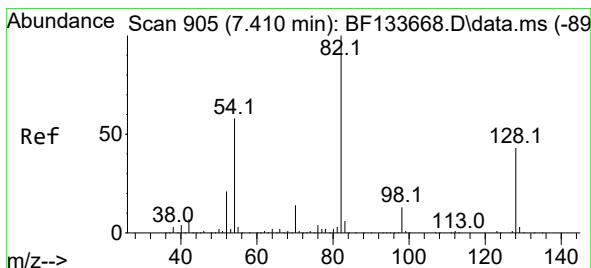
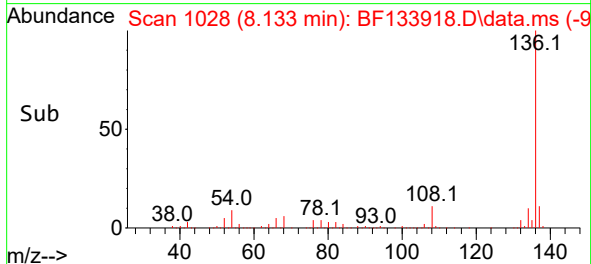
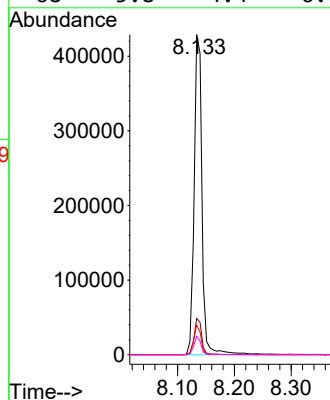
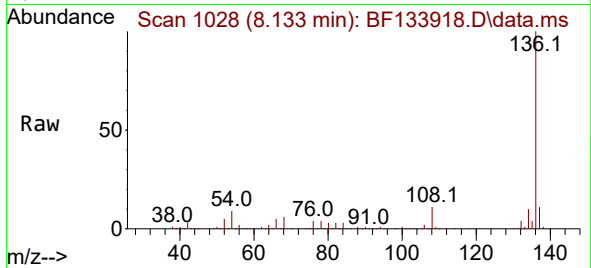




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

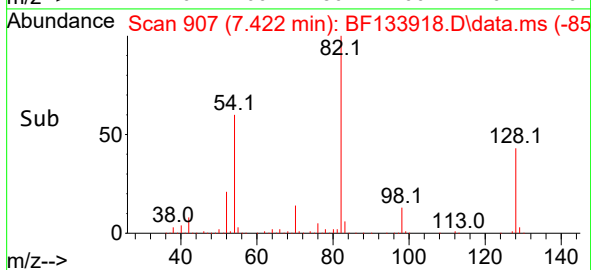
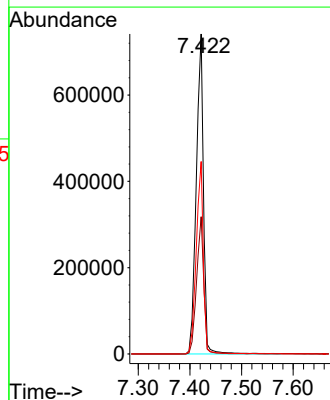
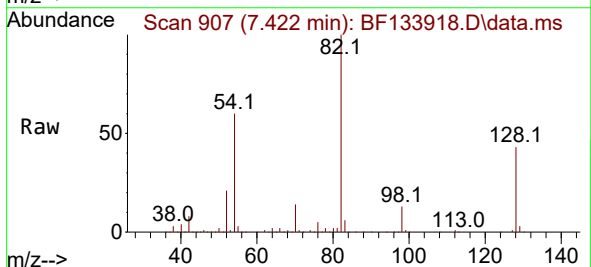
Instrument :
BNA_F
ClientSampleId :
WC-23

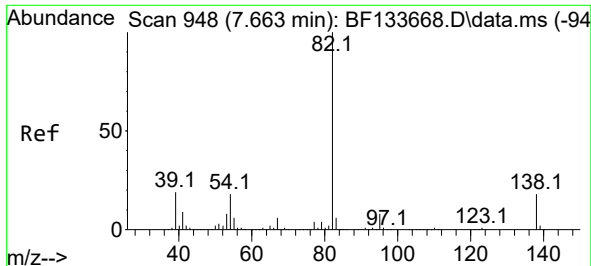
Tgt Ion:136 Resp: 413214
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.2 7.4 11.0
68 5.8 4.4 6.6



#23
Nitrobenzene-d5
Concen: 95.014 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

Tgt Ion: 82 Resp: 720828
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.2
54 60.1 46.5 69.7

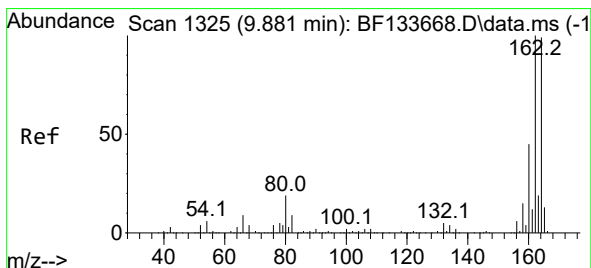
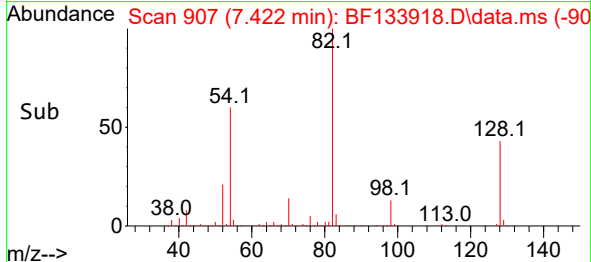
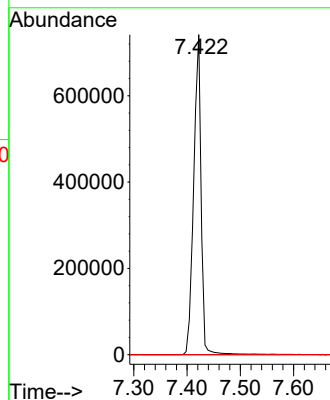
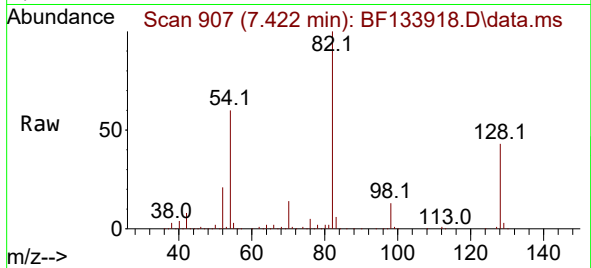




#25
Isophorone
Concen: 51.754 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

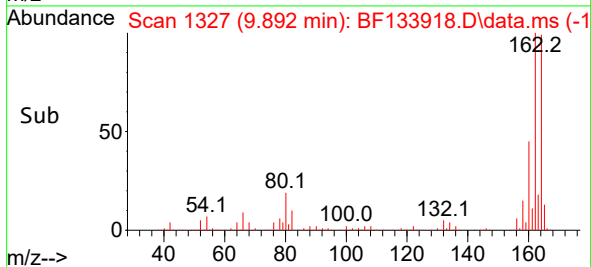
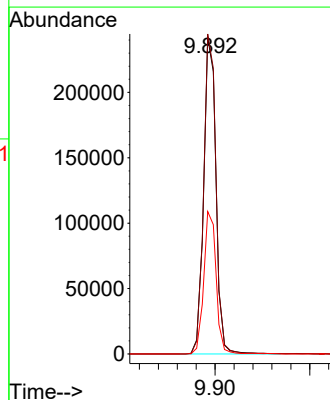
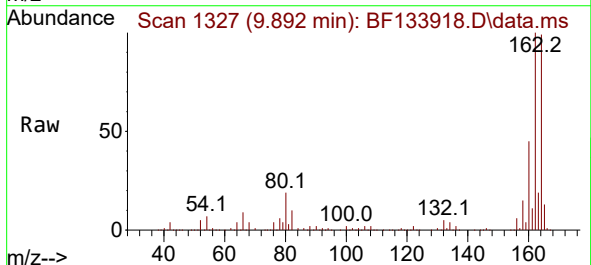
Instrument :
BNA_F
ClientSampleId :
WC-23

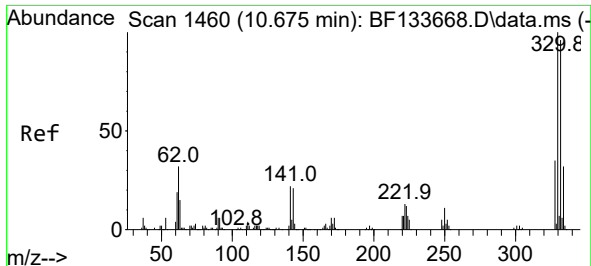
Tgt Ion: 82 Resp: 720823
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

Tgt Ion:164 Resp: 218165
Ion Ratio Lower Upper
164 100
162 101.1 80.8 121.2
160 45.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 147.671 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133918.D

Acq: 23 Jun 2023 00:24

Instrument :

BNA_F

ClientSampleId :

WC-23

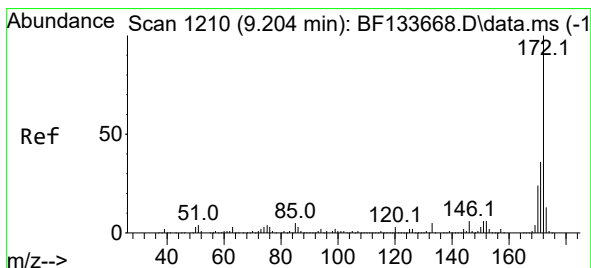
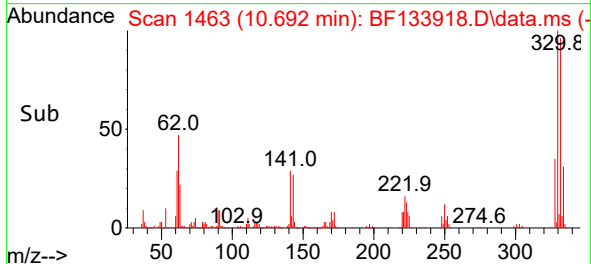
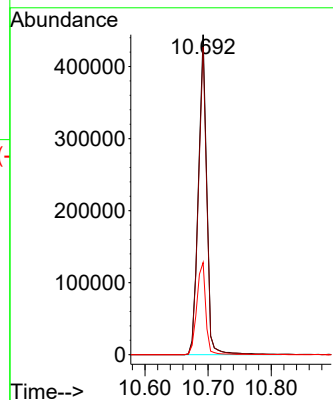
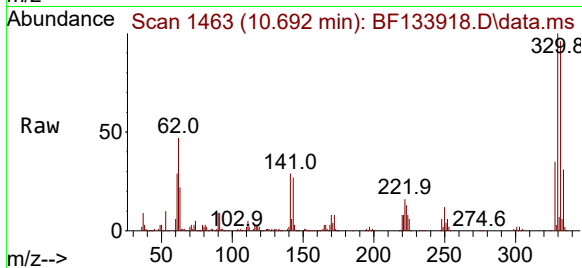
Tgt Ion:330 Resp: 407805

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

141 31.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 86.625 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133918.D

Acq: 23 Jun 2023 00:24

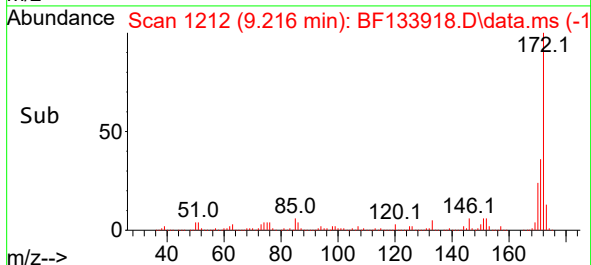
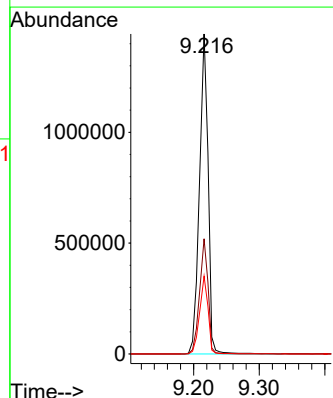
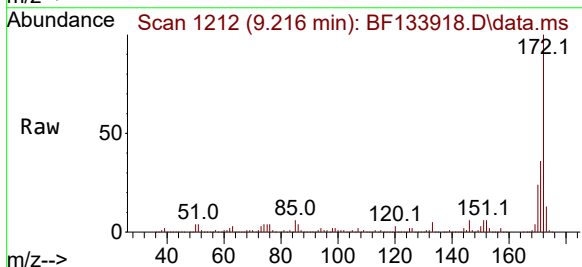
Tgt Ion:172 Resp: 1329458

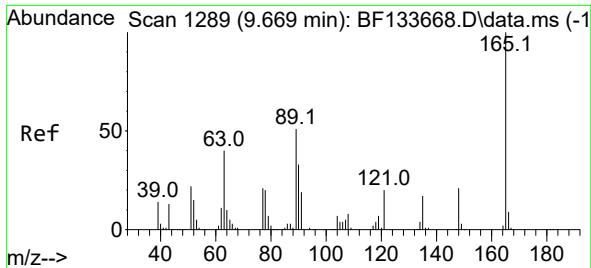
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.3 19.1 28.7

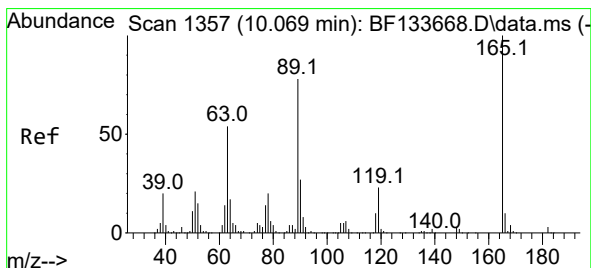
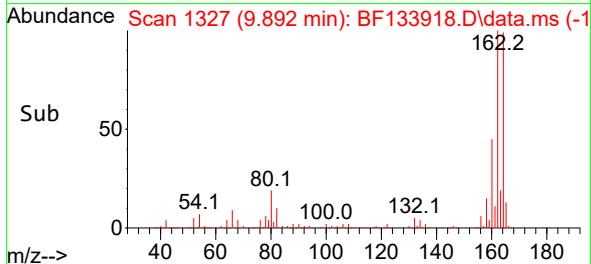
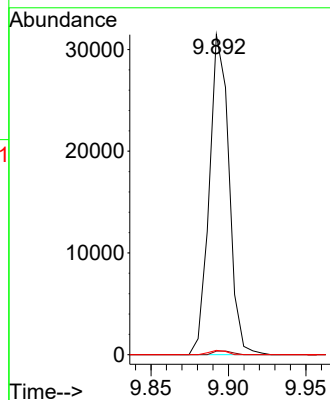
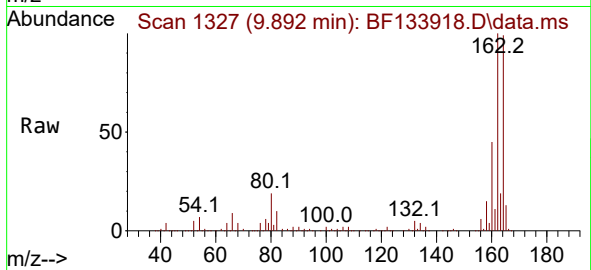




#51
2,6-Dinitrotoluene
Concen: 8.263 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

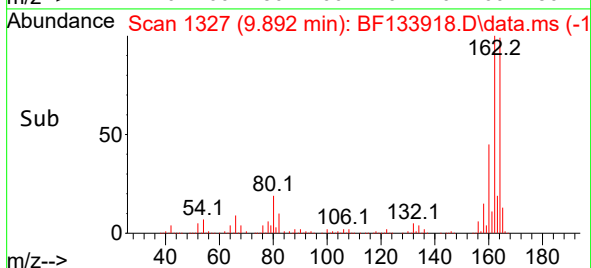
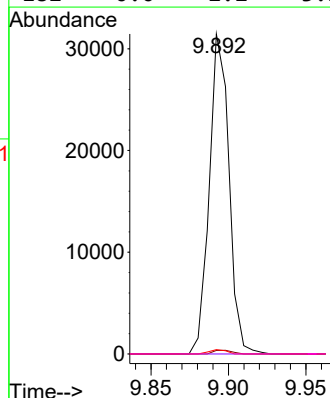
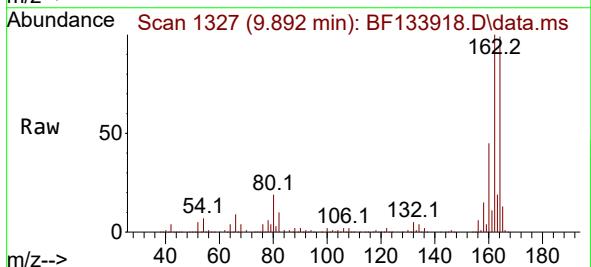
Instrument :
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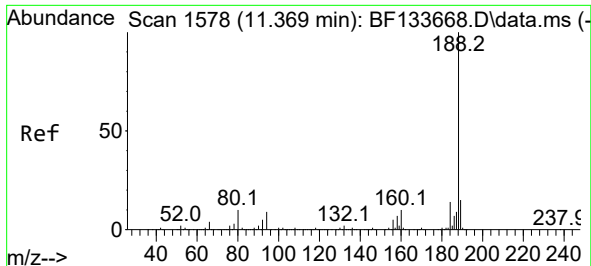
Tgt Ion:165 Resp: 27775
Ion Ratio Lower Upper
165 100
63 1.1 42.1 63.1#
89 1.4 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.497 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

Tgt Ion:165 Resp: 27775
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.4 62.6 93.8#
182 0.0 2.2 3.2#

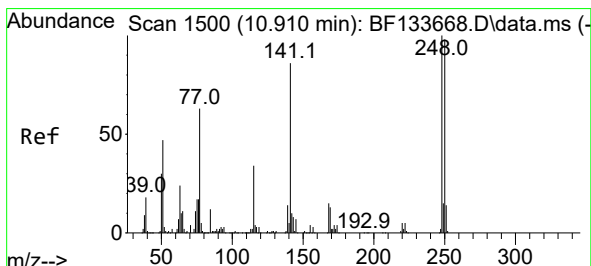
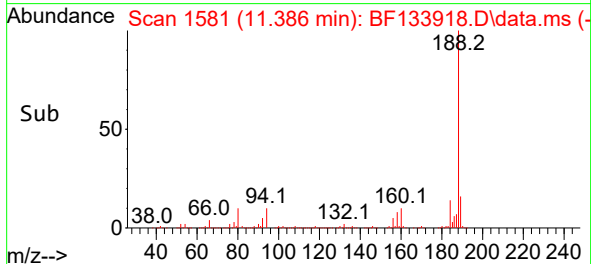
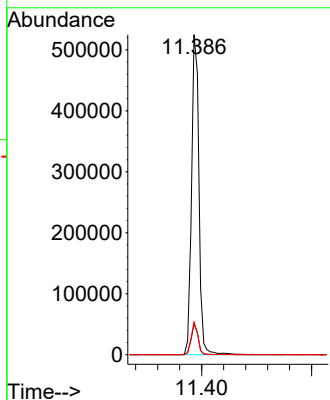
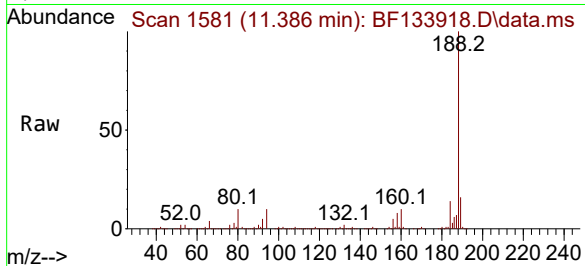




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

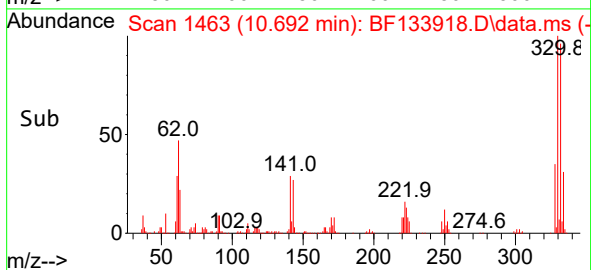
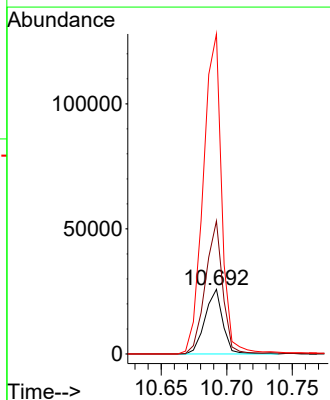
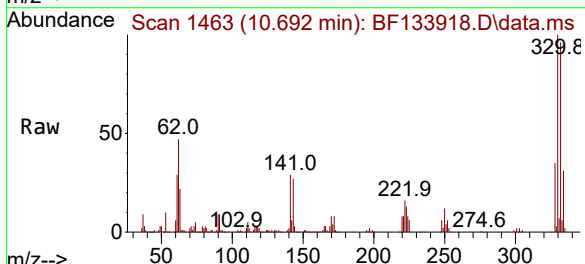
Instrument :
BNA_F
ClientSampleId :
WC-23

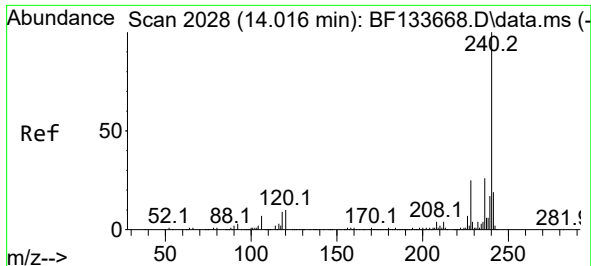
Tgt Ion:188 Resp: 484366
Ion Ratio Lower Upper
188 100
94 9.5 6.8 10.2
80 10.2 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 4.503 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

Tgt Ion:248 Resp: 24342
Ion Ratio Lower Upper
248 100
250 205.8 78.3 117.5#
141 495.4 69.0 103.6#

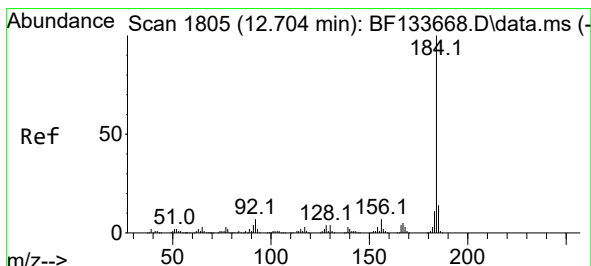
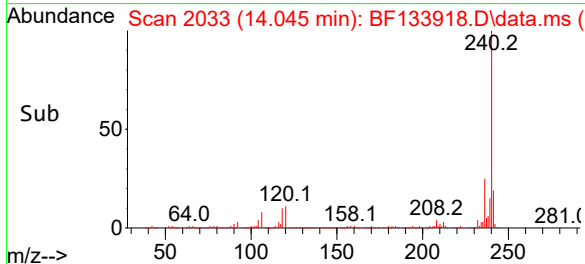
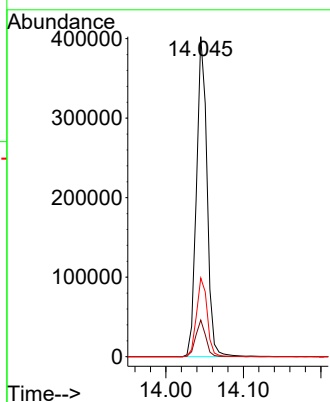
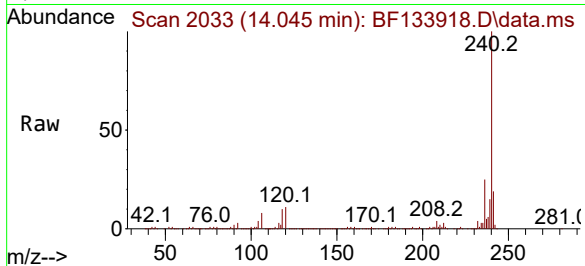




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

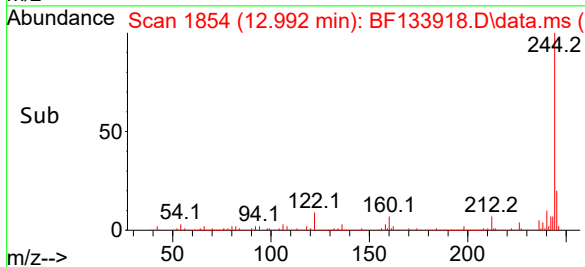
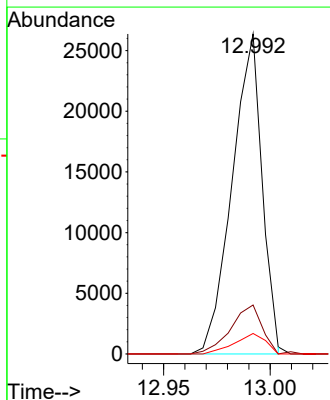
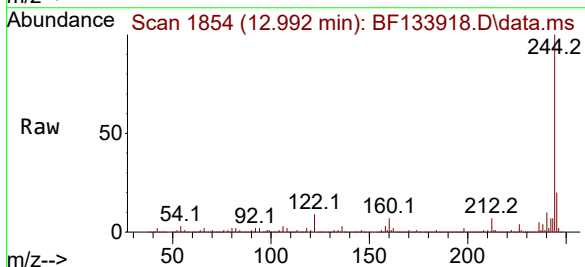
Instrument :
BNA_F
ClientSampleId :
WC-23

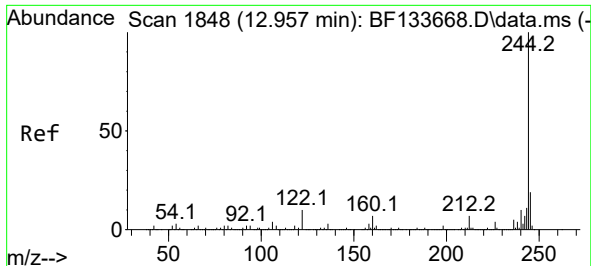
Tgt Ion:240 Resp: 380611
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 24.6 20.5 30.7



#77
Benzidine
Concen: 2.018 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF133918.D
Acq: 23 Jun 2023 00:24

Tgt Ion:184 Resp: 25779
Ion Ratio Lower Upper
184 100
185 15.3 11.6 17.4
183 6.4 8.4 12.6#

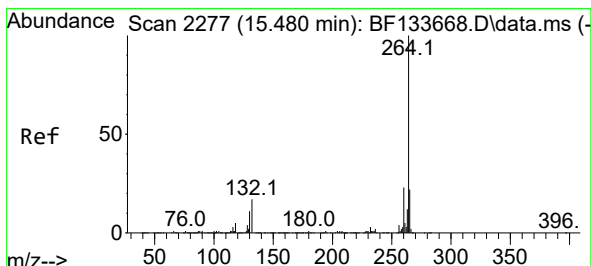
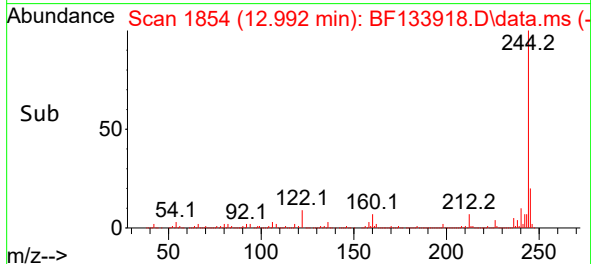
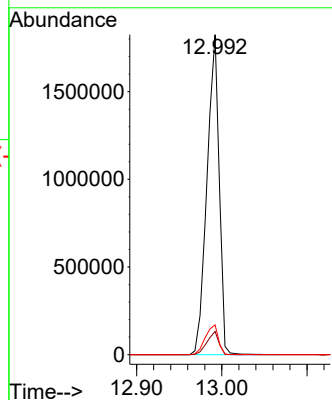
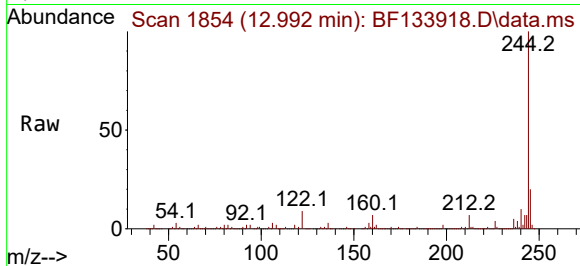




#79
 Terphenyl-d14
 Concen: 73.683 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF133918.D
 Acq: 23 Jun 2023 00:24

Instrument :
 BNA_F
 ClientSampleId :
 WC-23

Tgt Ion:244 Resp: 1812441
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.3 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.012 min
 Lab File: BF133918.D
 Acq: 23 Jun 2023 00:24

Tgt Ion:264 Resp: 282235
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.2
 265 21.7 17.8 26.6

