

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
 Data File : BF133950.D
 Acq On : 23 Jun 2023 19:15
 Operator : CG\JU
 Sample : 03336-07 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Jun 25 02:32:49 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)

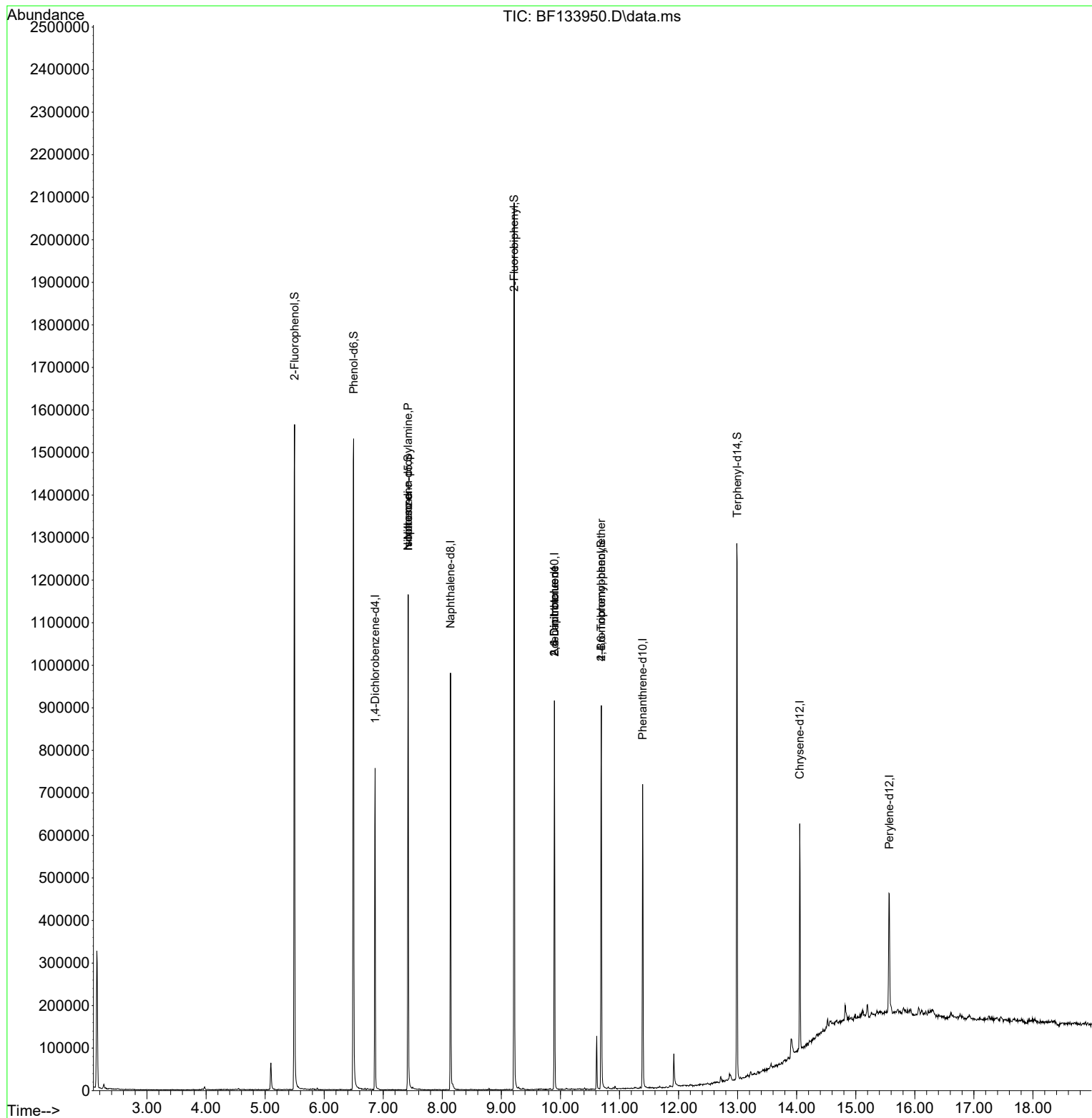
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	104783	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	386782	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	161951	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	259791	20.000	ng	0.00
76) Chrysene-d12	14.051	240	179299	20.000	ng	0.00
86) Perylene-d12	15.568	264	143321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	411619	68.388	ng	0.00
7) Phenol-d6	6.498	99	485242	61.936	ng	0.00
23) Nitrobenzene-d5	7.422	82	311215	43.825	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	108194	52.777	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	572552	50.255	ng	0.00
79) Terphenyl-d14	12.992	244	452590	39.058	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	42714	8.569	ng	# 77
25) Isophorone	7.422	82	311211	23.871	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	21237	8.511	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	21237	6.692	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	6428	2.217	ng	# 1

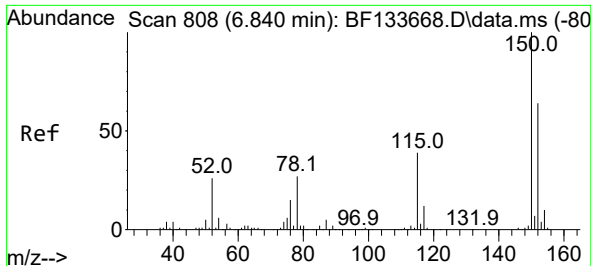
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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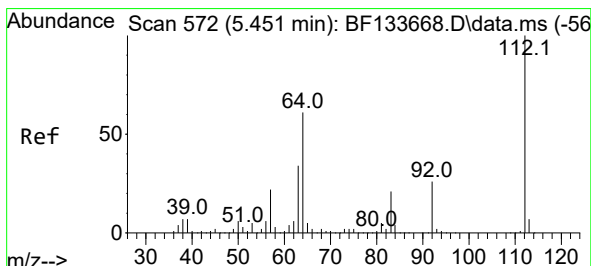
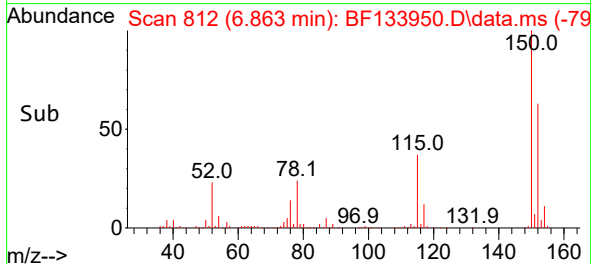
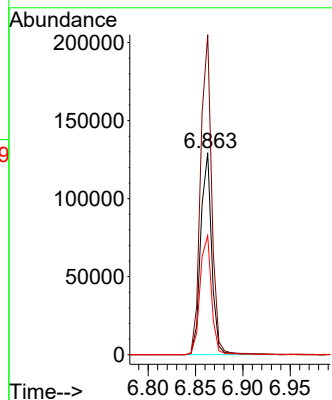
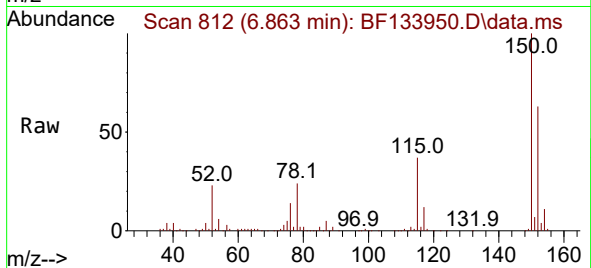




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

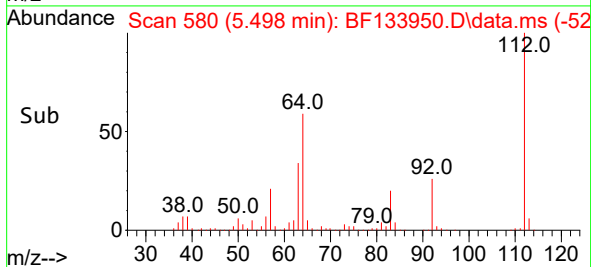
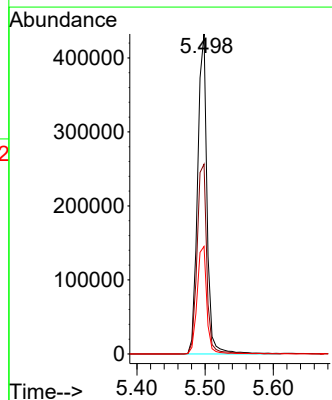
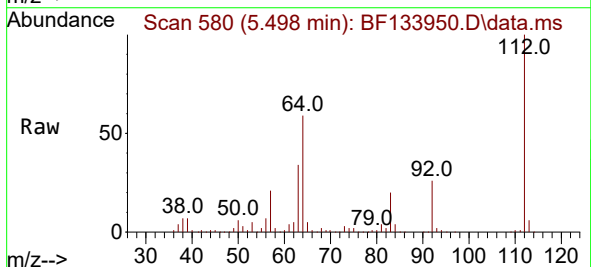
Instrument :
BNA_F
ClientSampleId :
WC-4

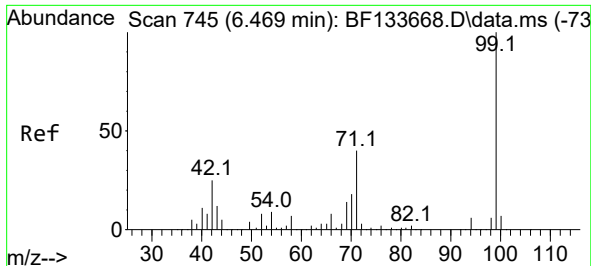
Tgt Ion:152 Resp: 104783
Ion Ratio Lower Upper
152 100
150 158.4 124.3 186.5
115 59.0 48.5 72.7



#5
2-Fluorophenol
Concen: 68.388 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

Tgt Ion:112 Resp: 411619
Ion Ratio Lower Upper
112 100
64 59.3 49.0 73.4
63 33.6 26.8 40.2

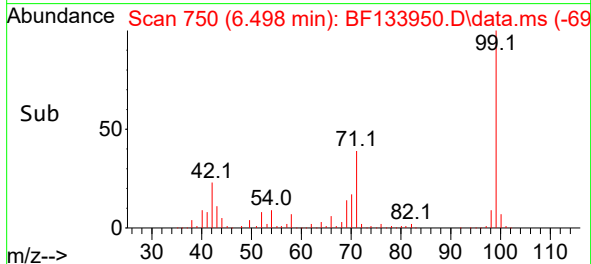
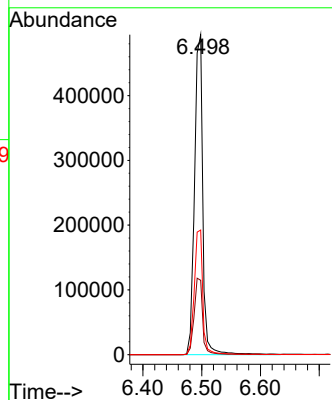
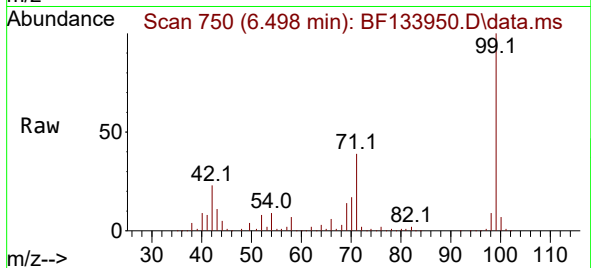




#7
Phenol-d6
Concen: 61.936 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

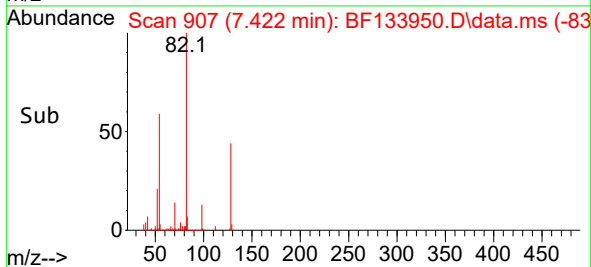
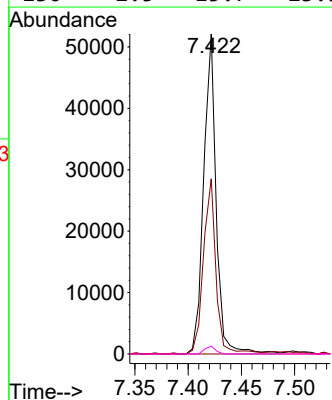
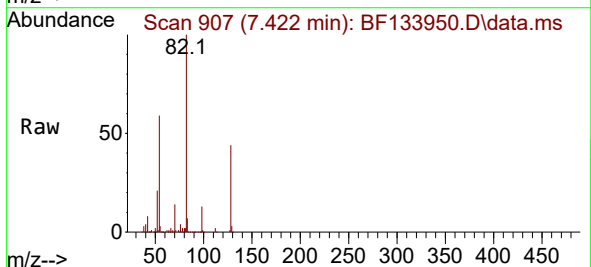
Instrument :
BNA_F
ClientSampleId :
WC-4

Tgt Ion: 99 Resp: 485242
Ion Ratio Lower Upper
99 100
42 23.2 19.9 29.9
71 39.0 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.569 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

Tgt Ion: 70 Resp: 42714
Ion Ratio Lower Upper
70 100
42 54.8 55.8 83.8#
101 0.0 8.1 12.1#
130 2.5 15.7 23.5#

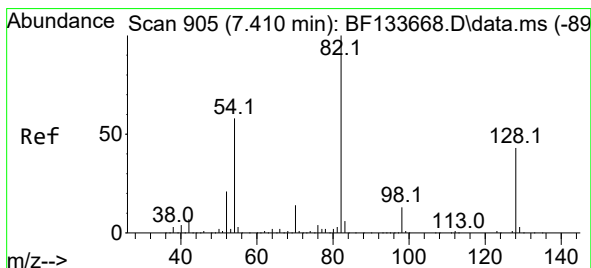
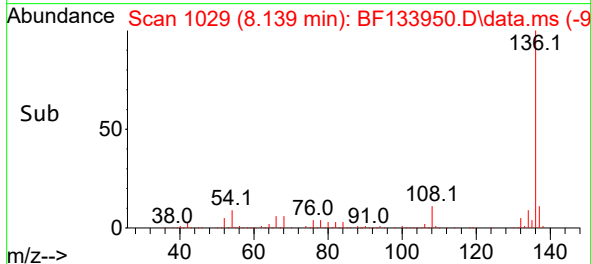
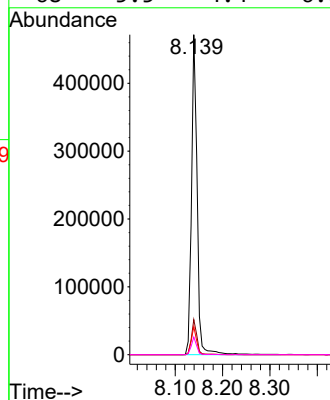
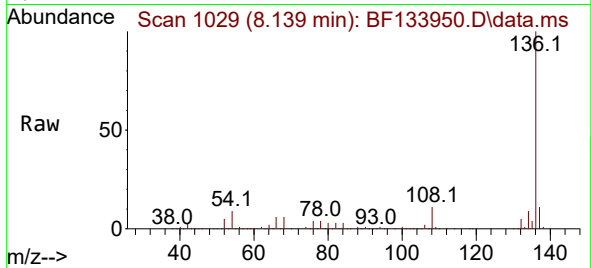




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

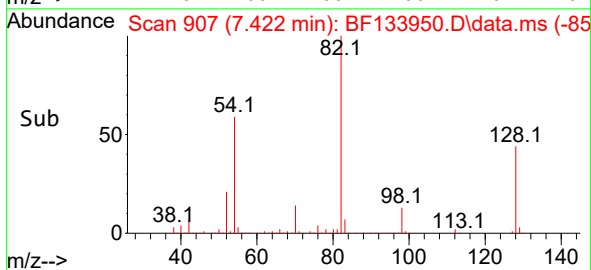
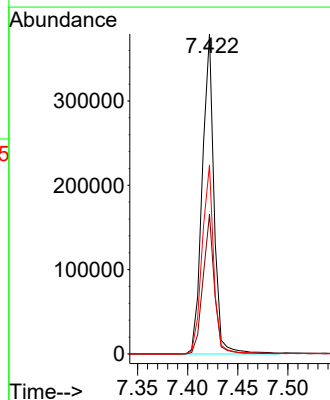
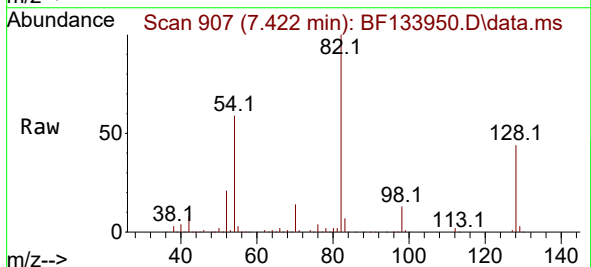
Instrument :
BNA_F
ClientSampleId :
WC-4

Tgt Ion:136 Resp: 386782
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.7 7.4 11.0
68 5.5 4.4 6.6



#23
Nitrobenzene-d5
Concen: 43.825 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

Tgt Ion: 82 Resp: 311215
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.2
54 59.1 46.5 69.7

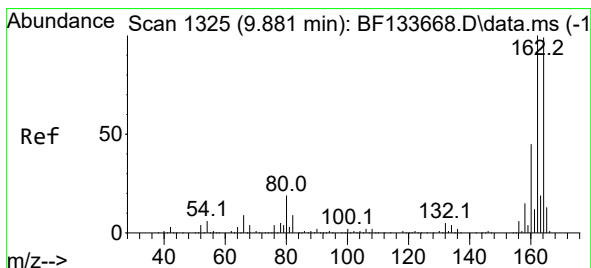
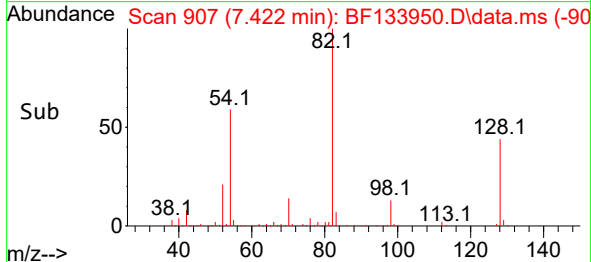
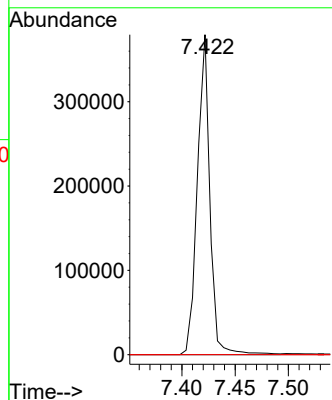
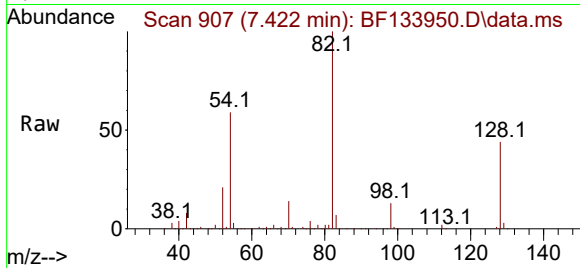




#25
Isophorone
Concen: 23.871 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

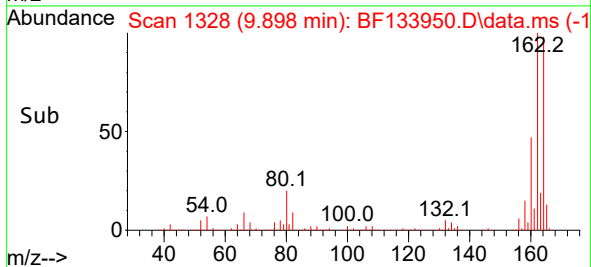
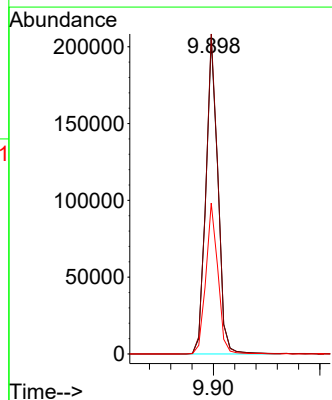
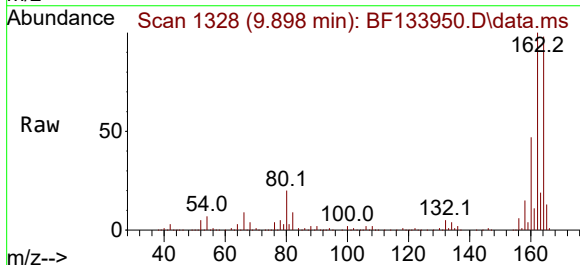
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ClientSampleId :
WC-4

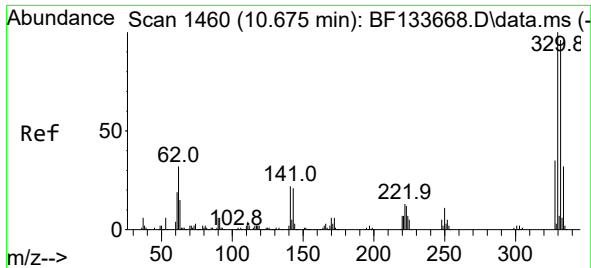
Tgt Ion: 82 Resp: 311211
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

Tgt Ion:164 Resp: 161951
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 48.0 36.7 55.1

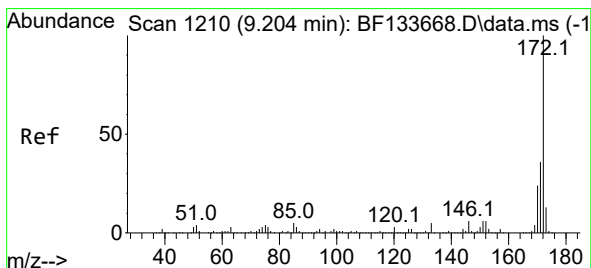
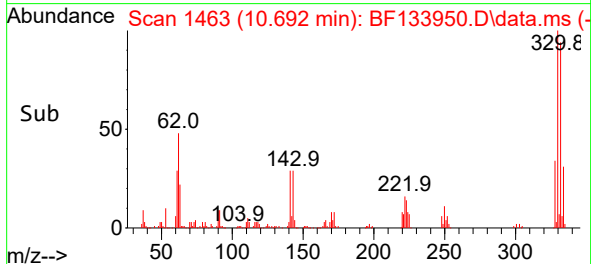
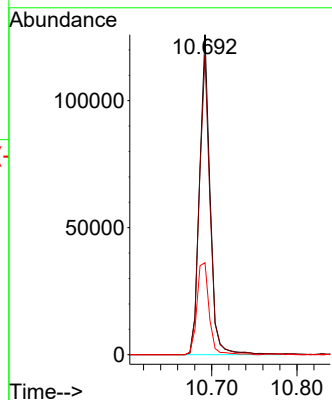
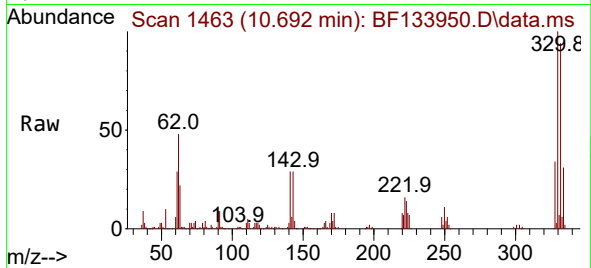




#42
2,4,6-Tribromophenol
Concen: 52.777 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

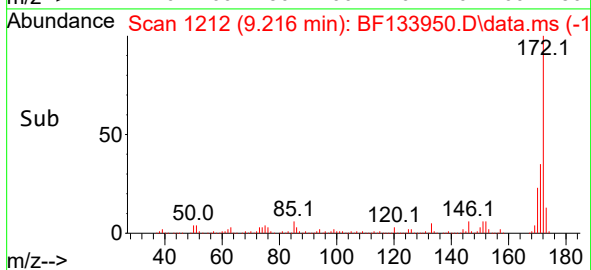
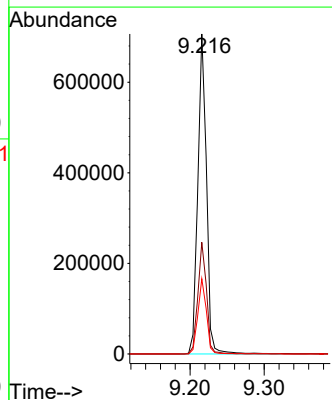
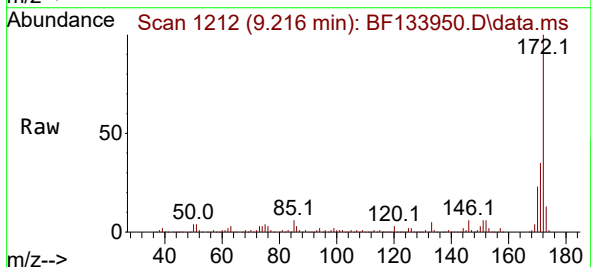
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ClientSampleId :
WC-4

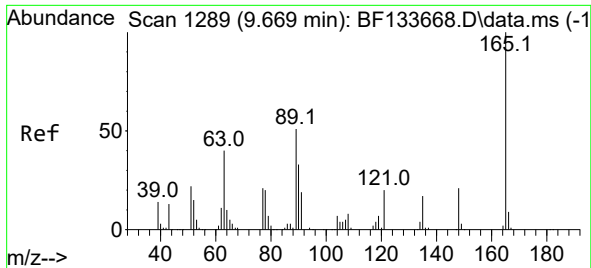
Tgt Ion:330 Resp: 108194
Ion Ratio Lower Upper
330 100
332 95.0 77.2 115.8
141 33.2 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 50.255 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

Tgt Ion:172 Resp: 572552
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.5 19.1 28.7

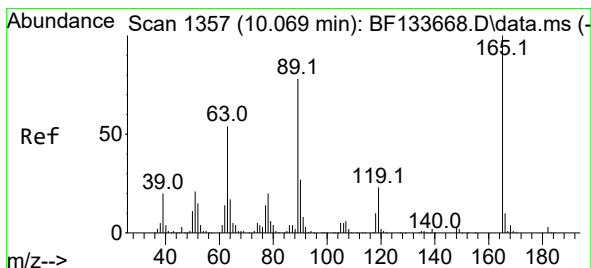
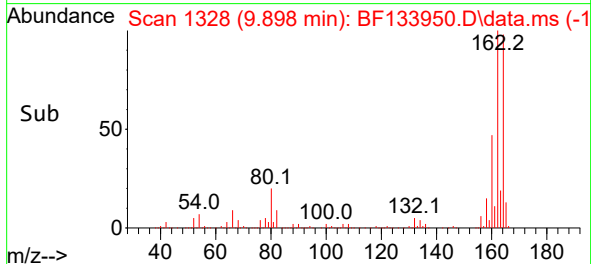
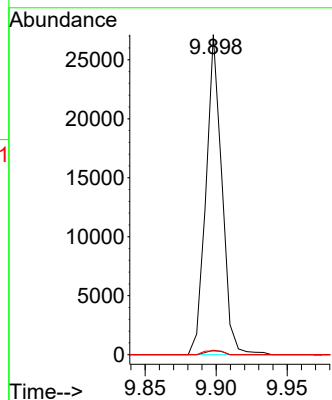
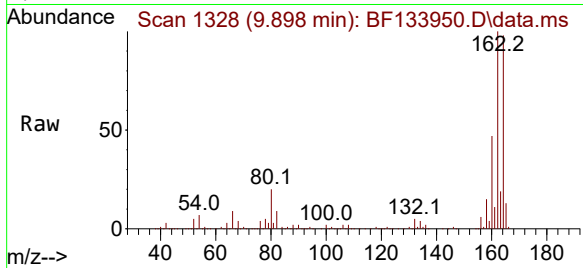




#51
2,6-Dinitrotoluene
Concen: 8.511 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

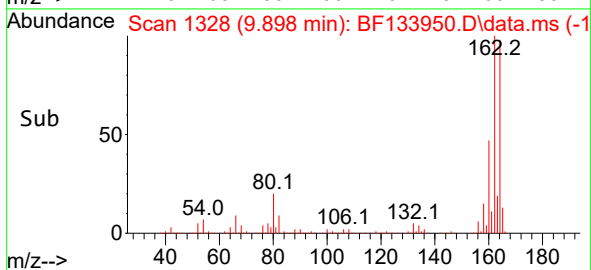
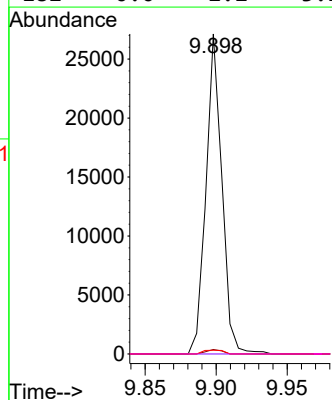
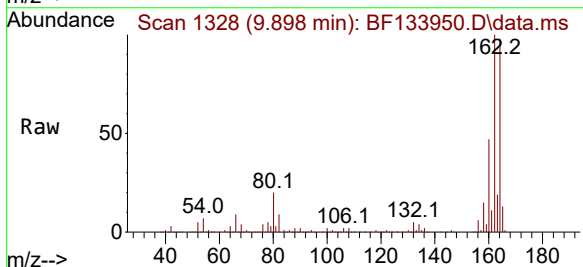
Instrument :
BNA_F
ClientSampleId :
WC-4

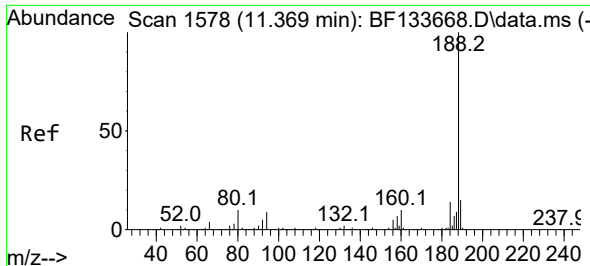
Tgt Ion:165 Resp: 21237
Ion Ratio Lower Upper
165 100
63 1.4 42.1 63.1#
89 1.1 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.692 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

Tgt Ion:165 Resp: 21237
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.1 62.6 93.8#
182 0.0 2.2 3.2#

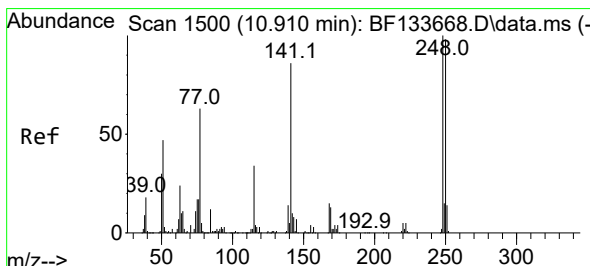
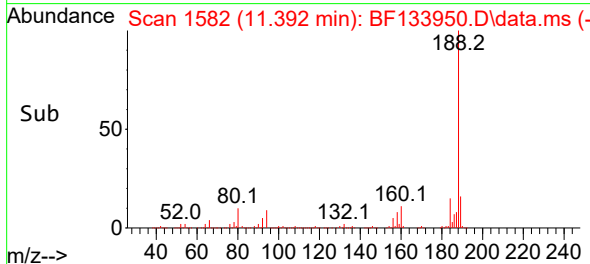
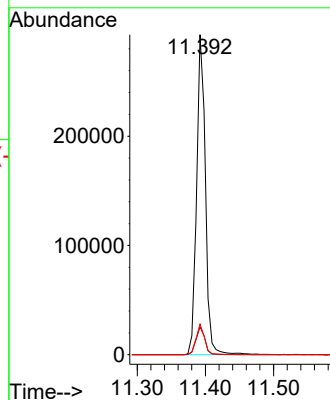
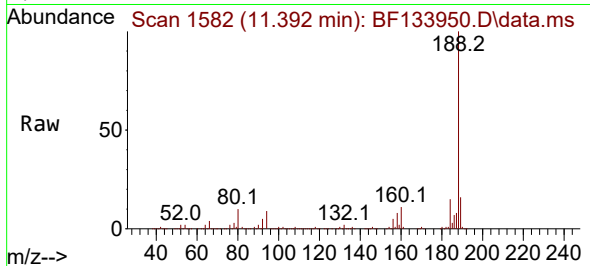




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

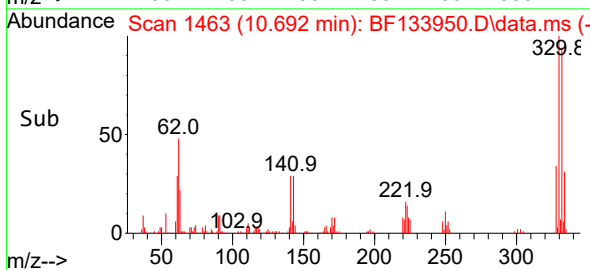
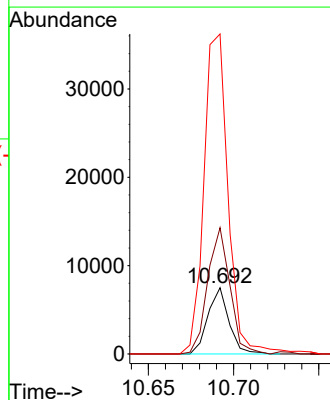
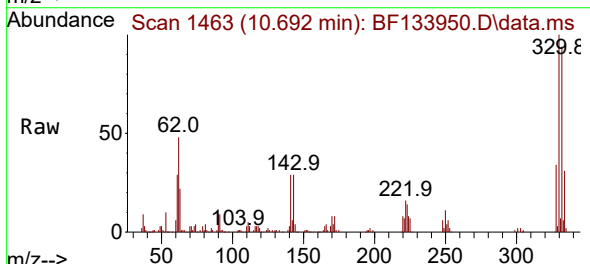
Instrument :
BNA_F
ClientSampleId :
WC-4

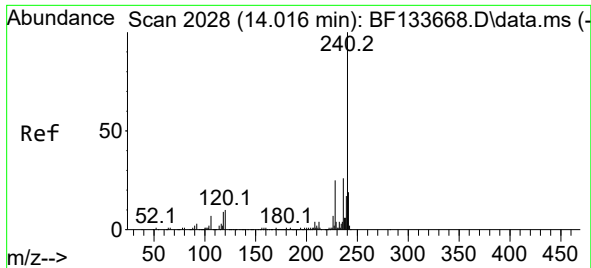
Tgt Ion:188 Resp: 259791
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.5 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 2.217 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

Tgt Ion:248 Resp: 6428
Ion Ratio Lower Upper
248 100
250 190.5 78.3 117.5#
141 482.8 69.0 103.6#

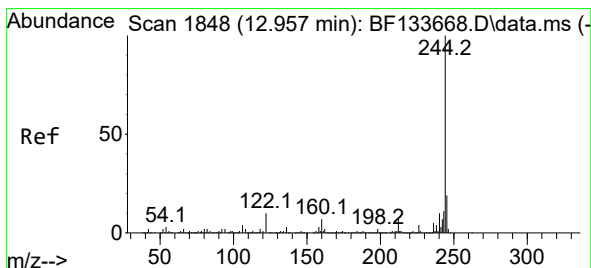
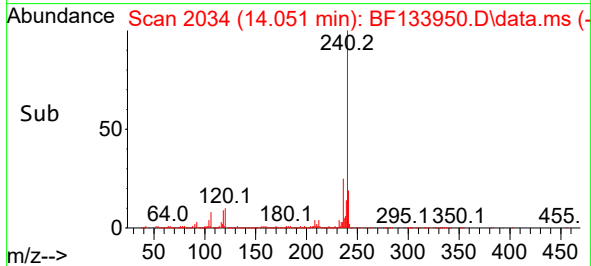
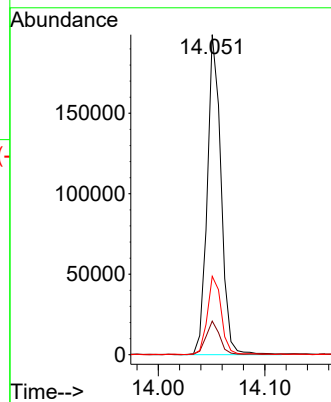
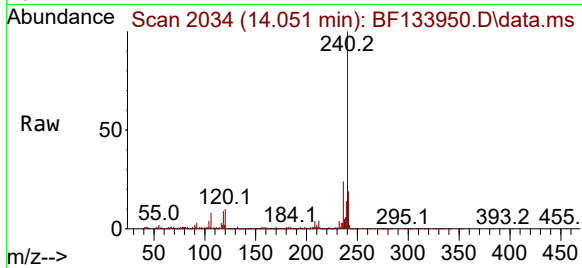




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

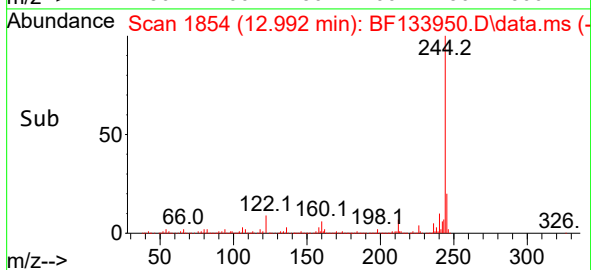
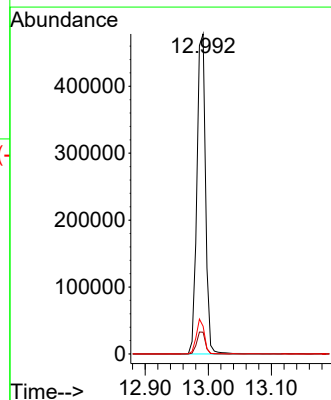
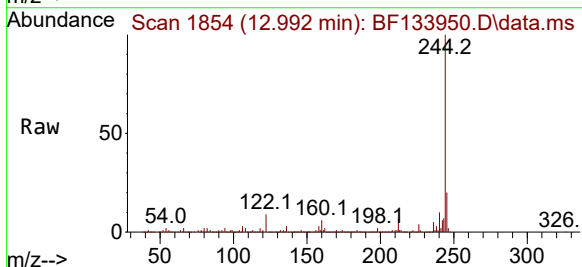
Instrument :
BNA_F
ClientSampleId :
WC-4

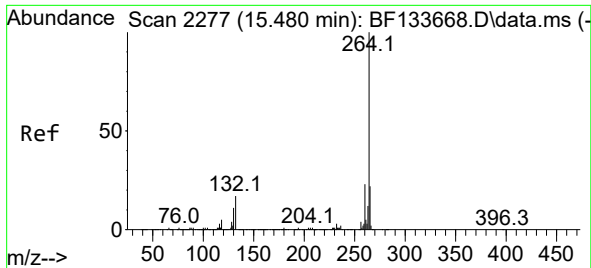
Tgt Ion:240 Resp: 179299
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 24.5 20.5 30.7



#79
Terphenyl-d14
Concen: 39.058 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

Tgt Ion:244 Resp: 452590
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 8.6 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF133950.D
 Acq: 23 Jun 2023 19:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Tgt Ion:264 Resp: 143321
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 21.0 17.8 26.6

