

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070221\
 Data File : BF124520.D
 Acq On : 2 Jul 2021 15:56
 Operator : JU/CG
 Sample : M2908-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CROPSEY-AQUEOUS

Quant Time: Jul 02 17:26:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 02 14:41:35 2021
 Response via : Initial Calibration

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

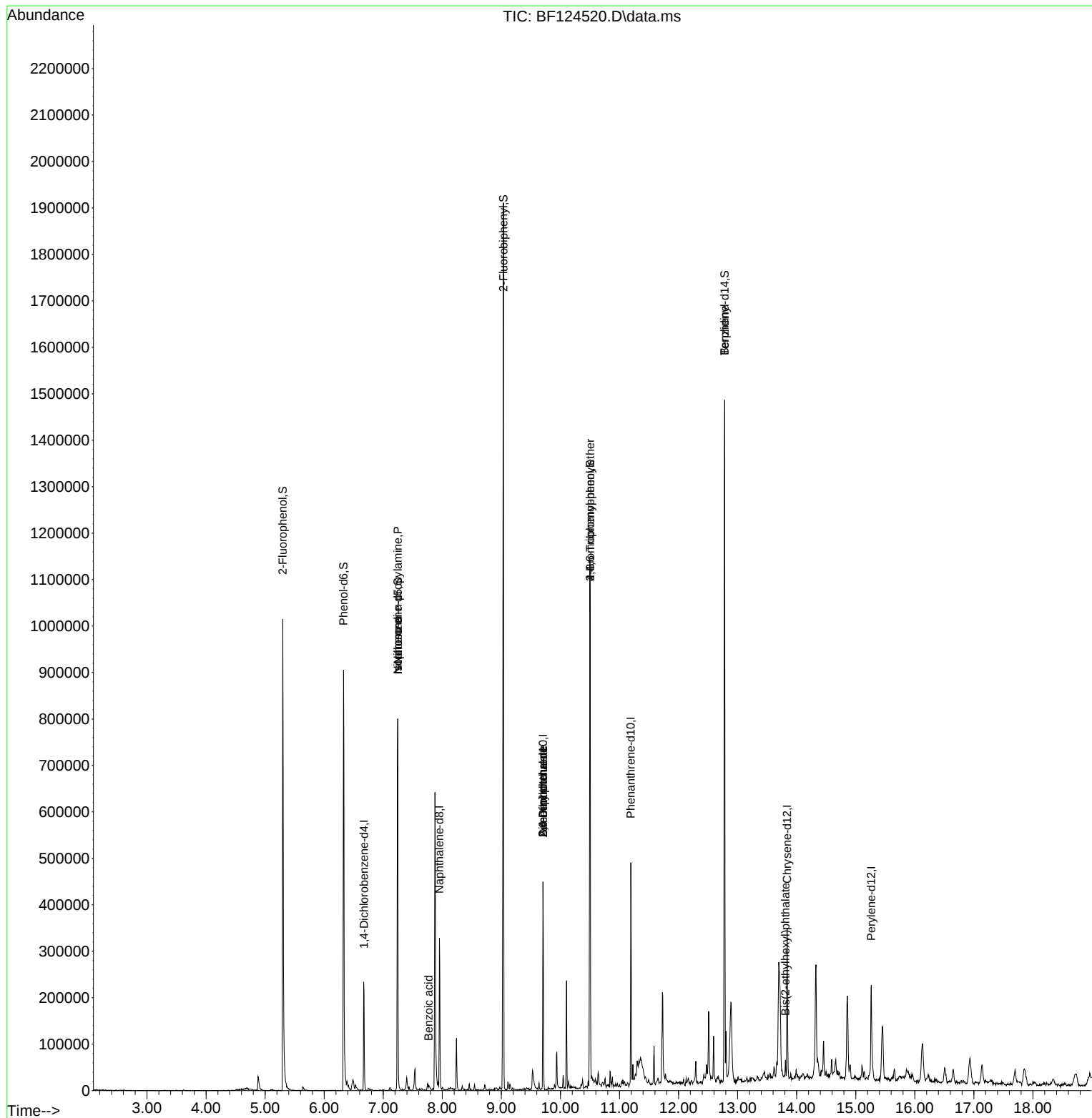
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	34794	20.000	ng	# 0.00
21) Naphthalene-d8	7.951	136	133601	20.000	ng	# 0.00
39) Acenaphthene-d10	9.704	164	80073	20.000	ng	0.00
64) Phenanthrene-d10	11.192	188	145939	20.000	ng	0.00
76) Chrysene-d12	13.839	240	96421	20.000	ng	# 0.00
86) Perylene-d12	15.262	264	83096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	256954	116.143	ng	0.00
7) Phenol-d6	6.328	99	279183	96.646	ng	0.00
23) Nitrobenzene-d5	7.245	82	253410	78.645	ng	0.00
42) 2,4,6-Tribromophenol	10.504	330	129991	135.880	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	509956	78.015	ng	0.00
79) Terphenyl-d14	12.780	244	450154	69.926	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.245	70	38390	19.761	ng	# 56
25) Isophorone	7.245	82	253410	45.743	ng	# 69
32) Benzoic acid	7.769	122	3162	9.395	ng	# 74
50) Dimethylphthalate	9.704	163	15838	2.509	ng	# 1
51) 2,6-Dinitrotoluene	9.704	165	10325	7.080	ng	# 14
57) 2,4-Dinitrotoluene	9.704	165	10325	5.341	ng	# 19
67) 4-Bromophenyl-phenylether	10.504	248	8937	4.552	ng	# 1
77) Benzidine	12.780	184	8351	4.322	ng	95
84) Bis(2-ethylhexyl)phtha...	13.809	149	9944	2.124	ng	# 91

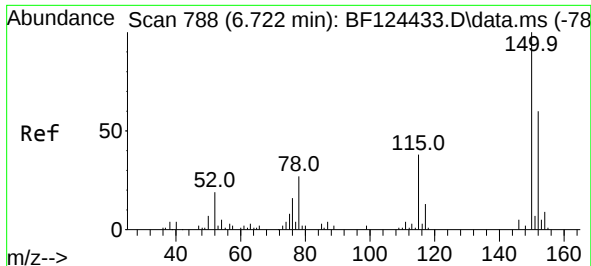
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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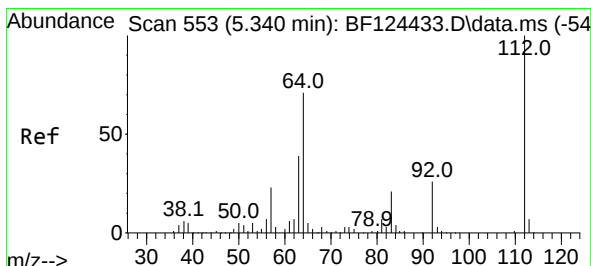
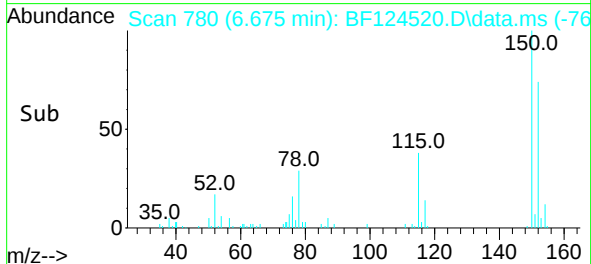
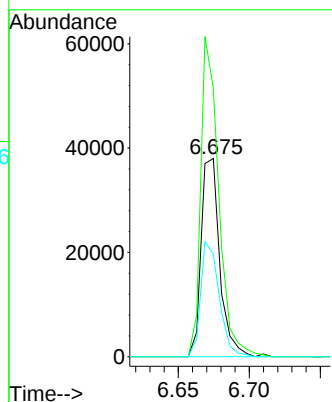
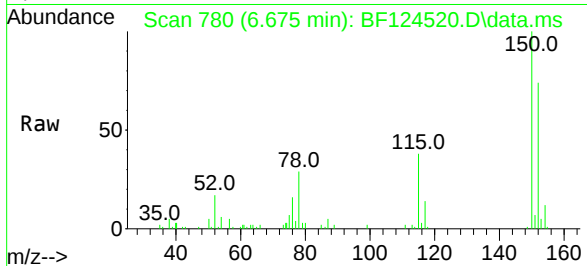




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 780
 Delta R.T. -0.000 min
 Lab File: BF124520.D
 Acq: 2 Jul 2021 15:56

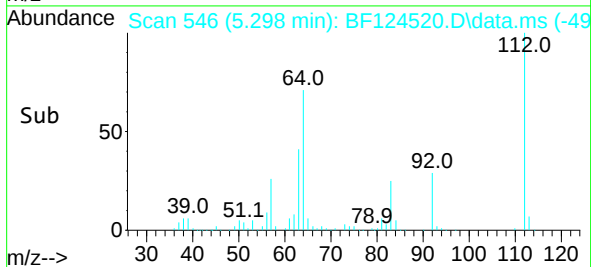
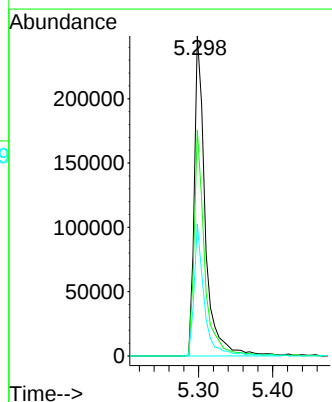
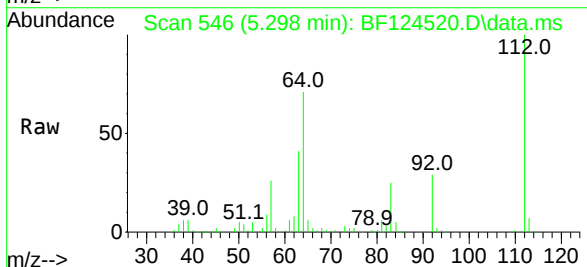
Instrument :
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 ClientSampleId :
 WC-CROPSEY-AQUEOUS

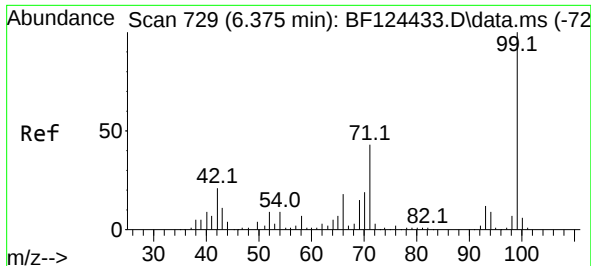
Tgt Ion:152 Resp: 34794
 Ion Ratio Lower Upper
 152 100
 150 135.4 127.0 190.6
 115 51.7 54.3 81.5#



#5
 2-Fluorophenol
 Concen: 116.143 ng
 RT: 5.298 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF124520.D
 Acq: 2 Jul 2021 15:56

Tgt Ion:112 Resp: 256954
 Ion Ratio Lower Upper
 112 100
 64 70.6 61.4 92.0
 63 41.3 33.0 49.4

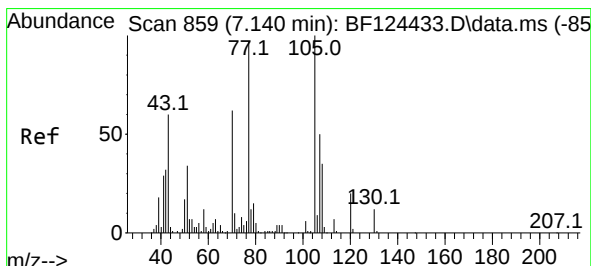
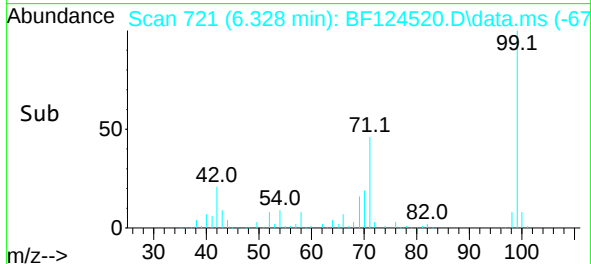
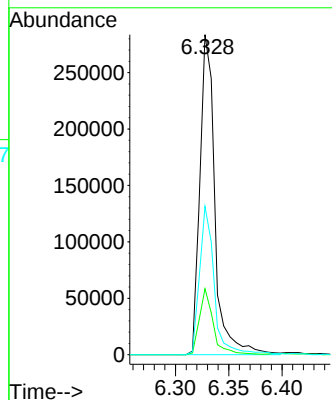
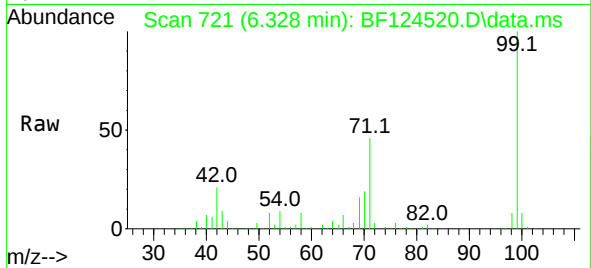




#7
Phenol-d6
Concen: 96.646 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

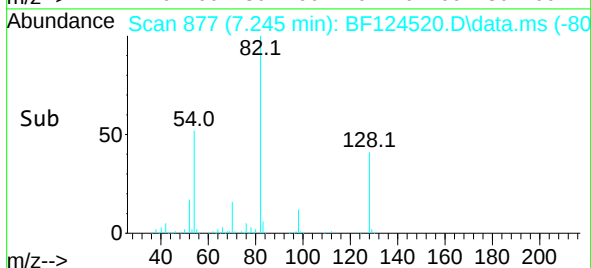
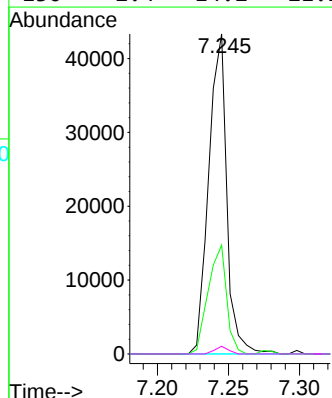
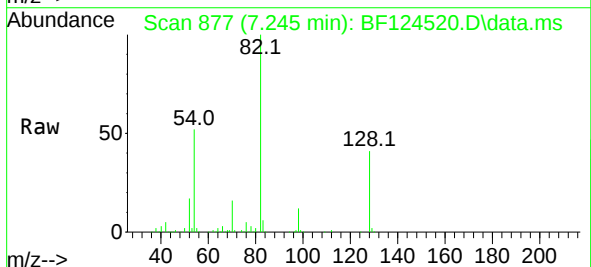
Instrument :
BNA_F
ClientSampleId :
WC-CROPSEY-AQUEOUS

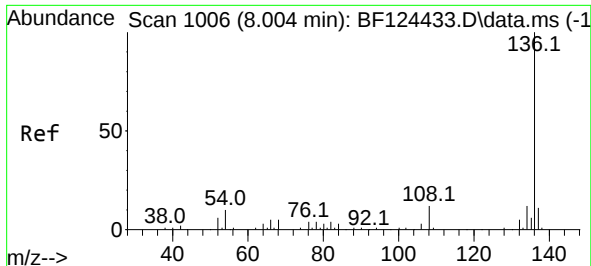
Tgt Ion: 99 Resp: 279183
Ion Ratio Lower Upper
99 100
42 20.6 19.8 29.8
71 46.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.761 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

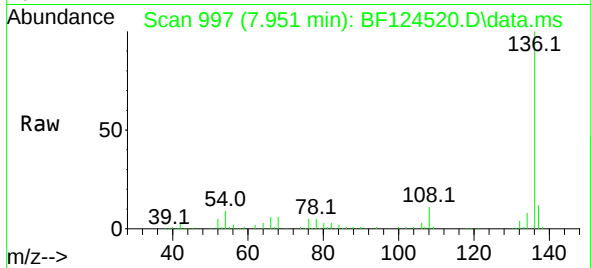
Tgt Ion: 70 Resp: 38390
Ion Ratio Lower Upper
70 100
42 34.0 60.1 90.1#
101 0.0 7.4 11.2#
130 2.4 14.2 21.2#



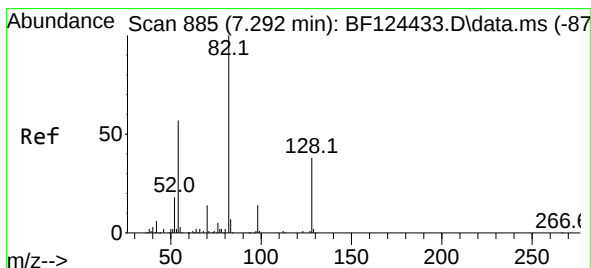
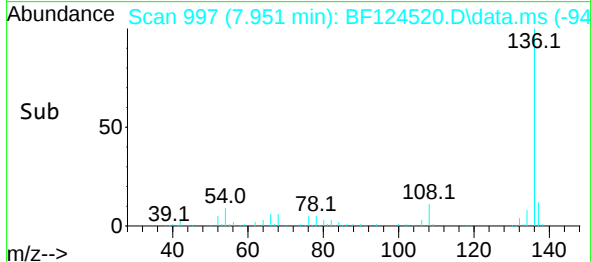
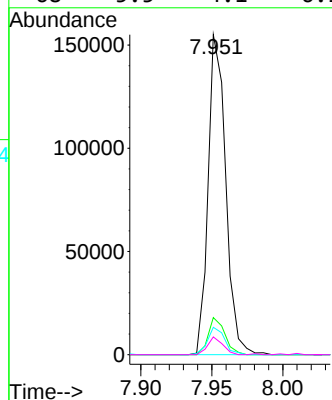


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

Instrument :
BNA_F
ClientSampleId :
WC-CROPSEY-AQUEOUS

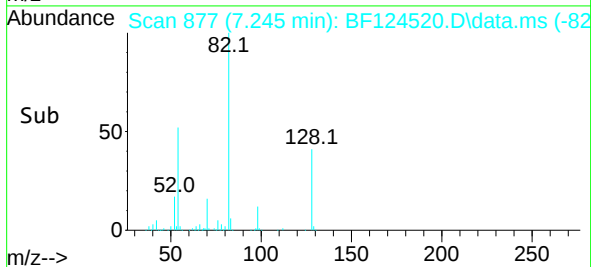
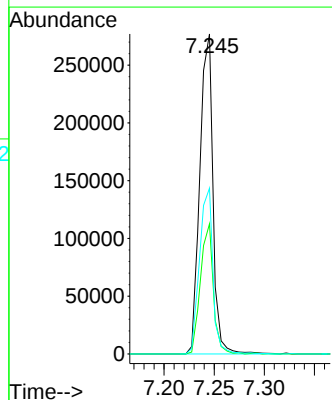
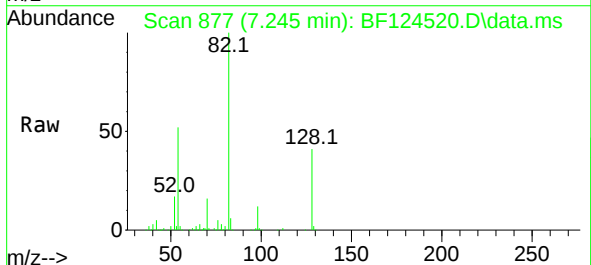


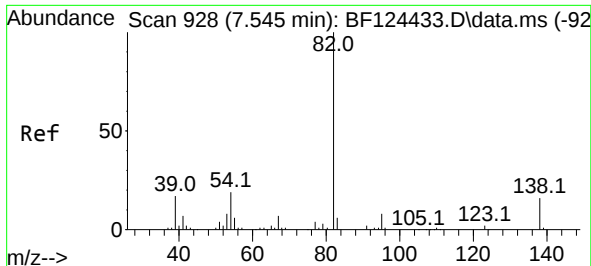
Tgt Ion:136 Resp: 133601
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 8.6 9.8 14.6#
68 5.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 78.645 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

Tgt Ion: 82 Resp: 253410
Ion Ratio Lower Upper
82 100
128 40.7 29.4 44.2
54 51.8 54.1 81.1#

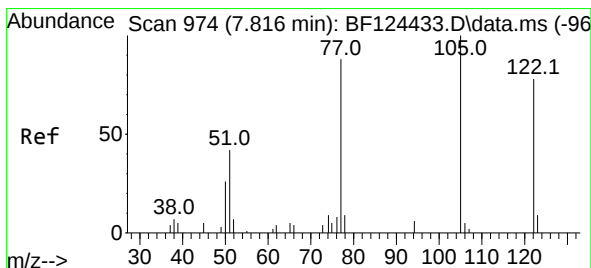
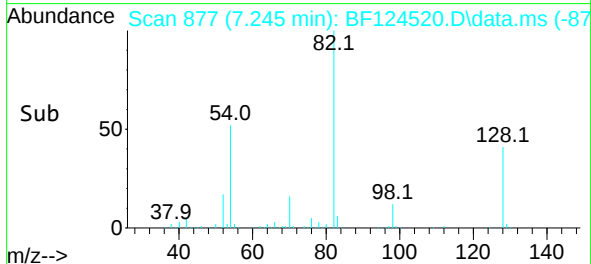
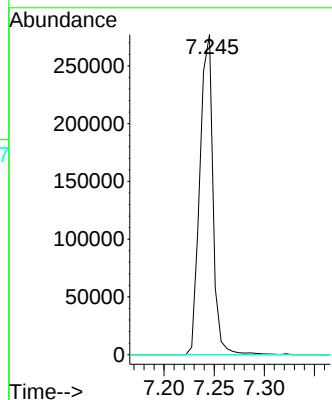
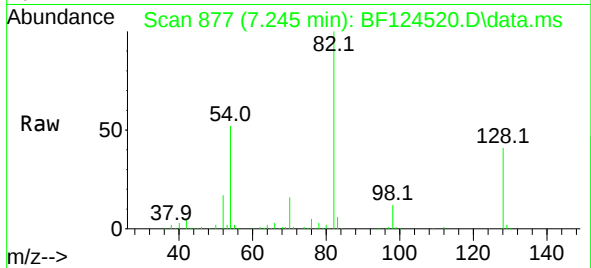




#25
Isophorone
Concen: 45.743 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.259 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

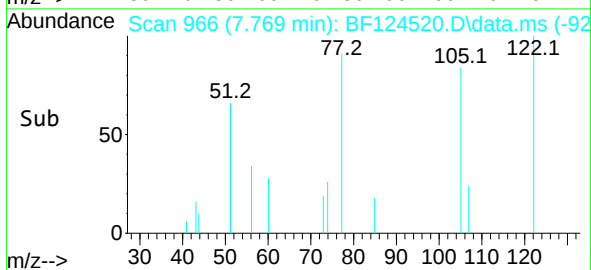
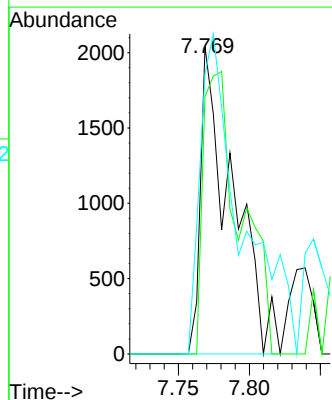
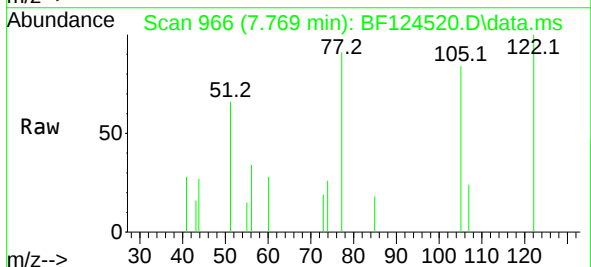
Instrument :
BNA_F
ClientSampleId :
WC-CROPSEY-AQUEOUS

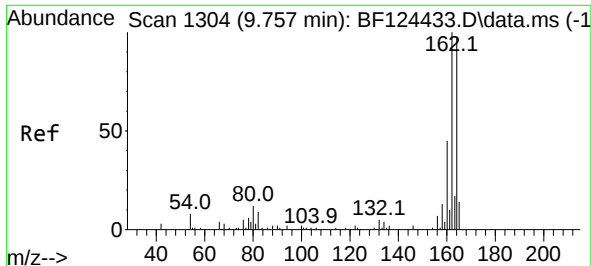
Tgt Ion: 82 Resp: 253410
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 9.395 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.035 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

Tgt Ion: 122 Resp: 3162
Ion Ratio Lower Upper
122 100
105 83.9 107.8 147.8#
77 91.1 81.6 121.6

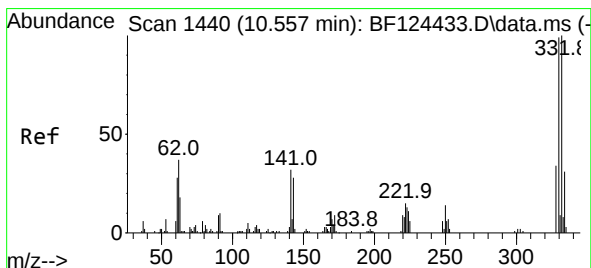
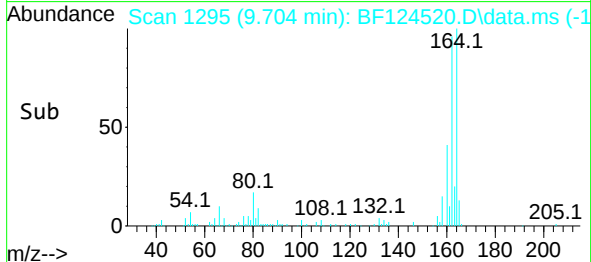
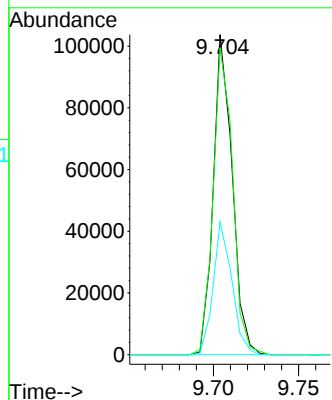
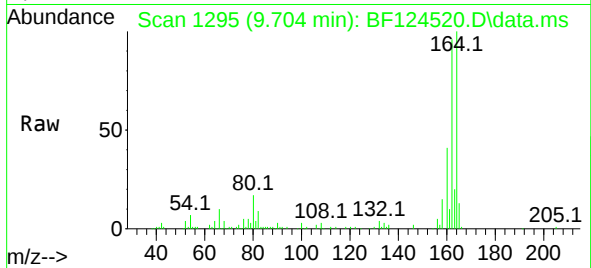




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

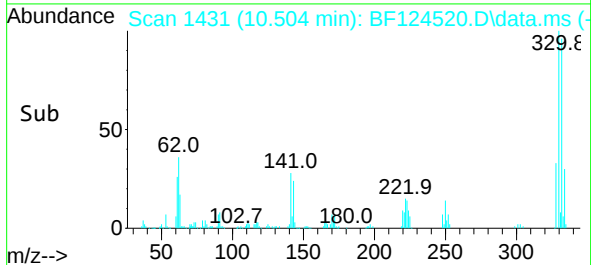
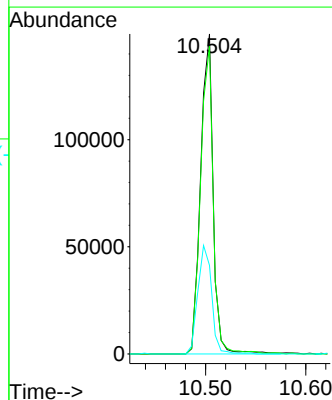
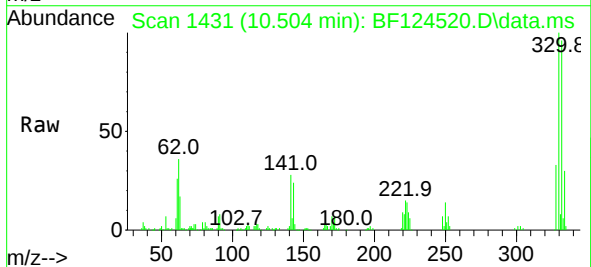
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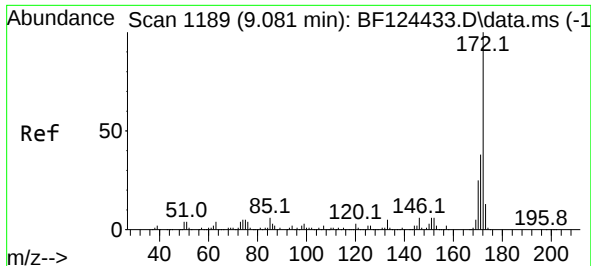
Tgt Ion:164 Resp: 80073
Ion Ratio Lower Upper
164 100
162 95.9 80.7 121.1
160 41.4 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 135.880 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

Tgt Ion:330 Resp: 129991
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 37.3 27.9 41.9

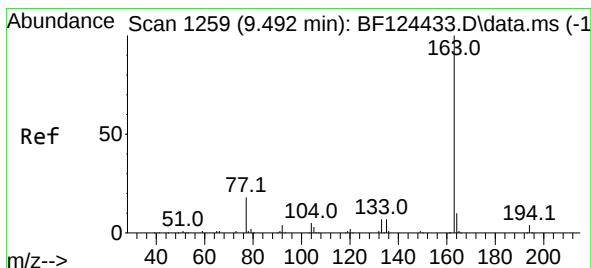
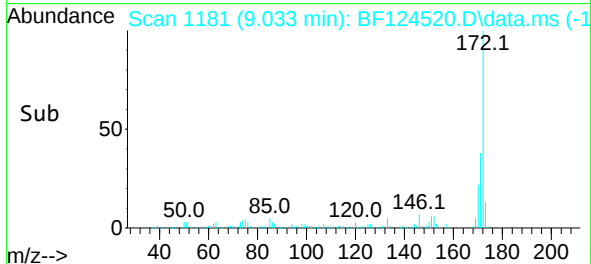
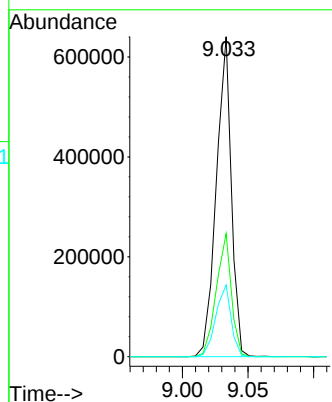
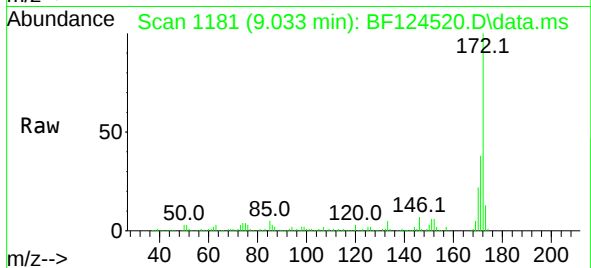




#45
2-Fluorobiphenyl
Concen: 78.015 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

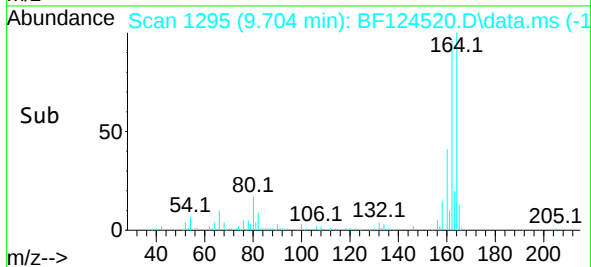
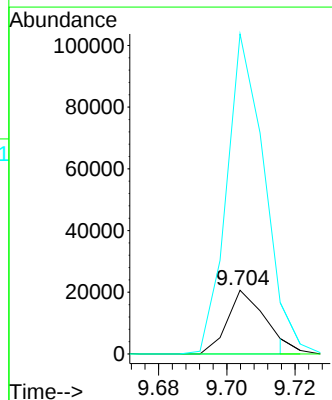
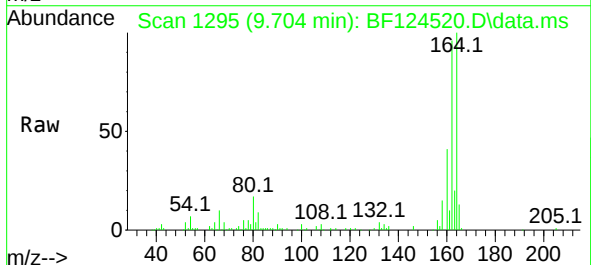
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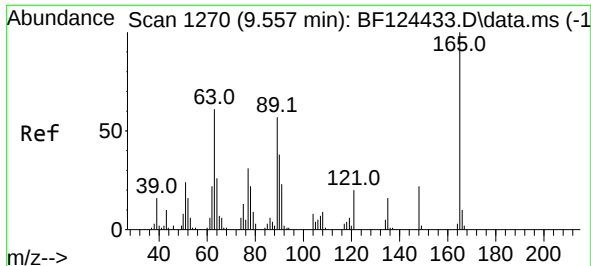
Tgt Ion:172 Resp: 509956
Ion Ratio Lower Upper
172 100
171 38.5 28.1 42.1
170 22.4 19.2 28.8



#50
Dimethylphthalate
Concen: 2.509 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.259 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

Tgt Ion:163 Resp: 15838
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 502.9 8.2 12.2#

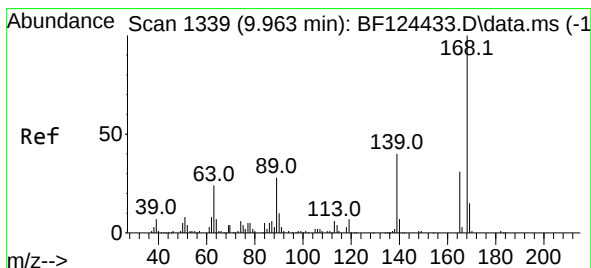
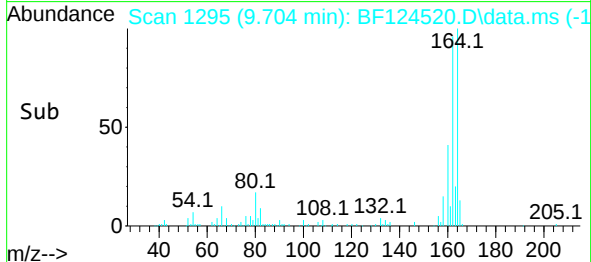
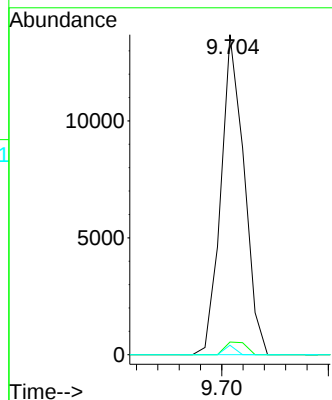
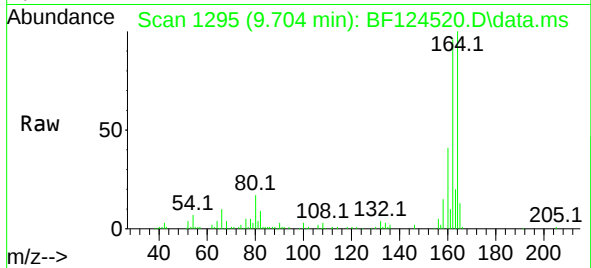




#51
2,6-Dinitrotoluene
Concen: 7.080 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.194 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

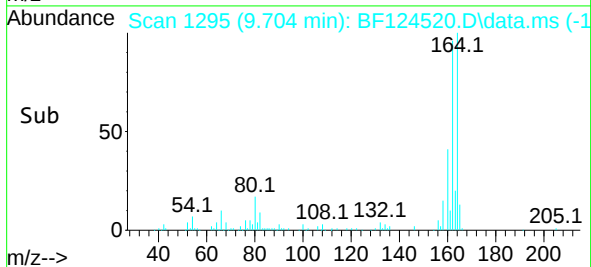
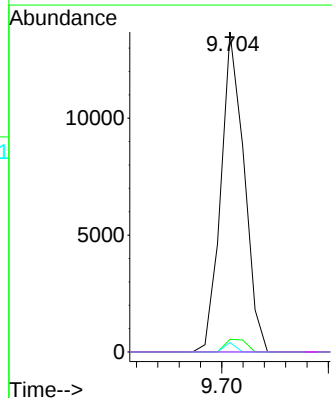
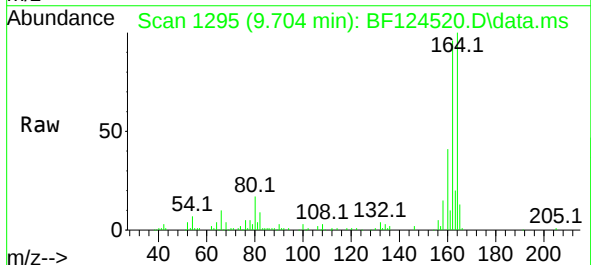
Instrument :
BNA_F
ClientSampleId :
WC-CROPSEY-AQUEOUS

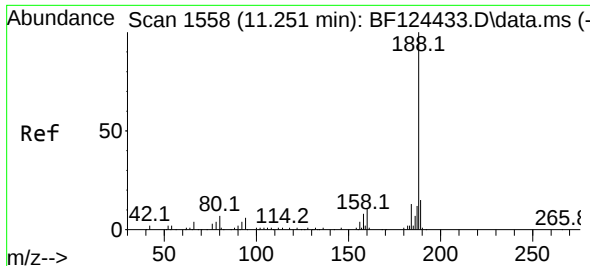
Tgt Ion:165 Resp: 10325
Ion Ratio Lower Upper
165 100
63 3.9 67.7 101.5#
89 3.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.341 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.218 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

Tgt Ion:165 Resp: 10325
Ion Ratio Lower Upper
165 100
63 3.9 43.5 65.3#
89 3.0 67.7 101.5#
182 0.0 2.1 3.1#

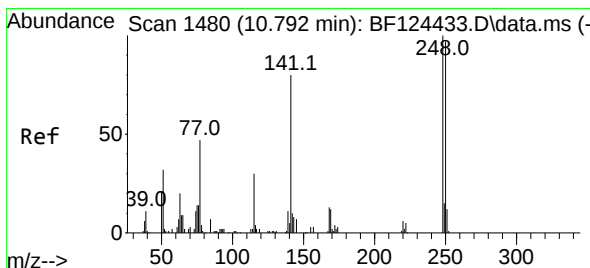
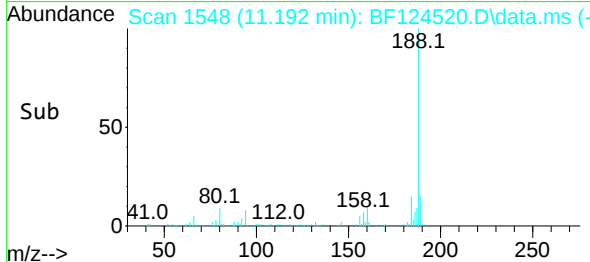
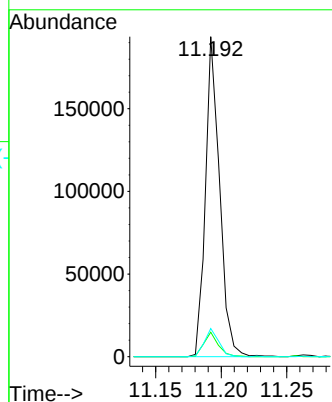
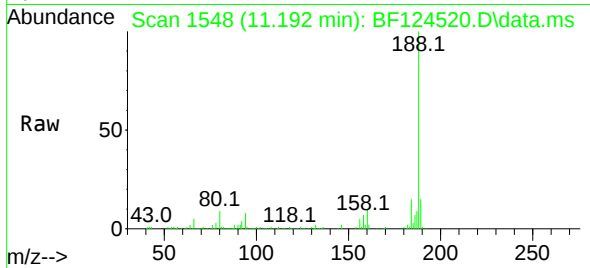




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.192 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

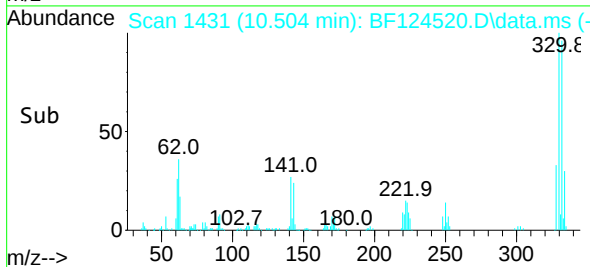
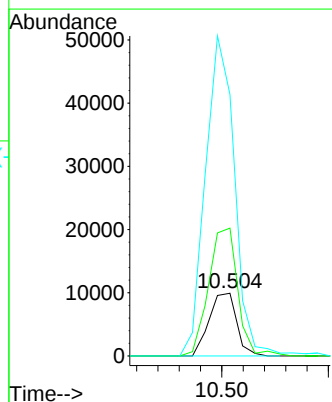
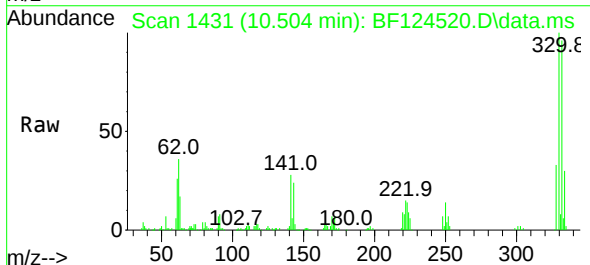
Instrument :
BNA_F
ClientSampleId :
WC-CROPSEY-AQUEOUS

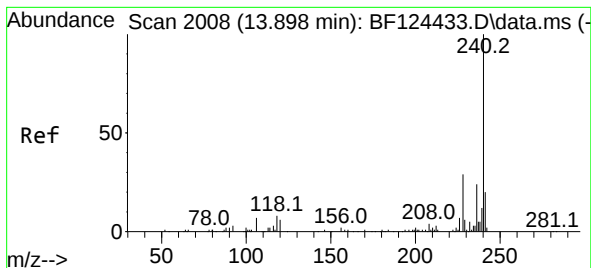
Tgt Ion:188 Resp: 145939
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.552 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.235 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

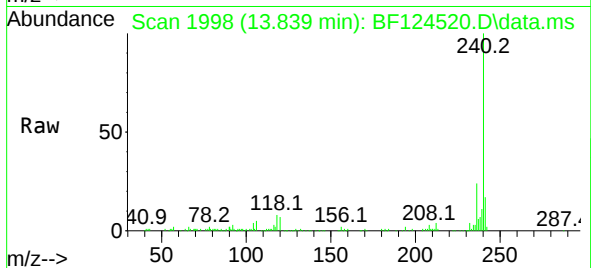
Tgt Ion:248 Resp: 8937
Ion Ratio Lower Upper
248 100
250 203.6 77.4 116.2#
141 416.4 63.7 95.5#



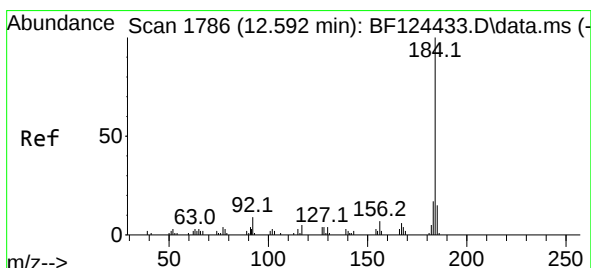
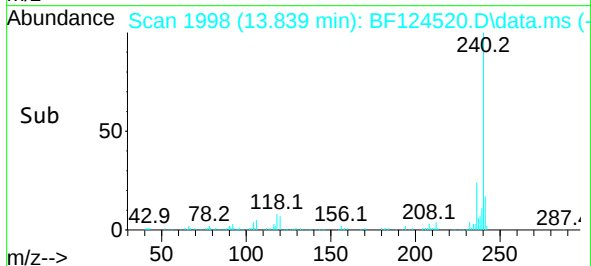
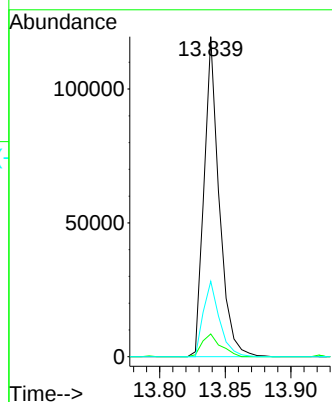


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

Instrument :
BNA_F
ClientSampleId :
WC-CROPSEY-AQUEOUS

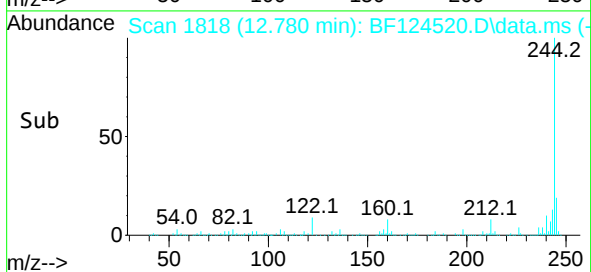
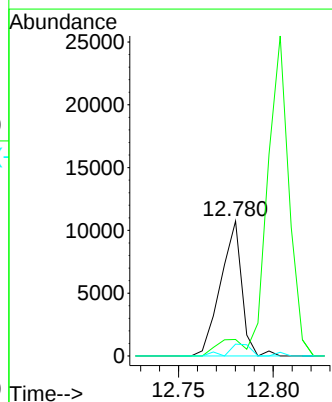
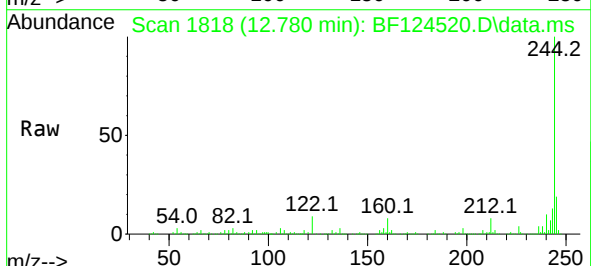


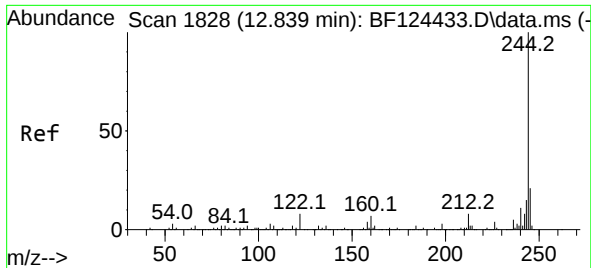
Tgt Ion:240 Resp: 96421
Ion Ratio Lower Upper
240 100
120 7.1 7.2 10.8#
236 23.6 19.0 28.4



#77
Benzidine
Concen: 4.322 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF124520.D
Acq: 2 Jul 2021 15:56

Tgt Ion:184 Resp: 8351
Ion Ratio Lower Upper
184 100
185 12.2 12.1 18.1
183 8.8 7.8 11.8

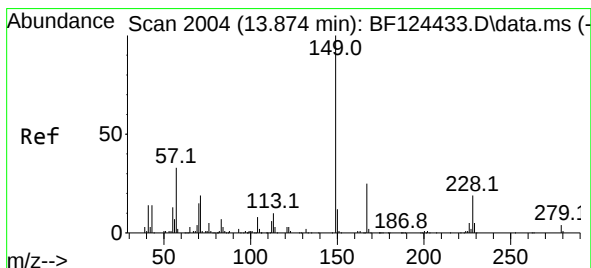
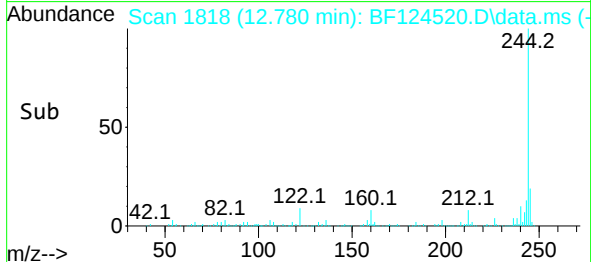
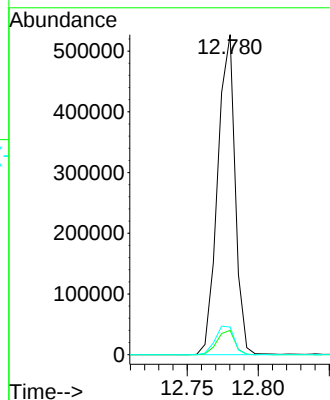
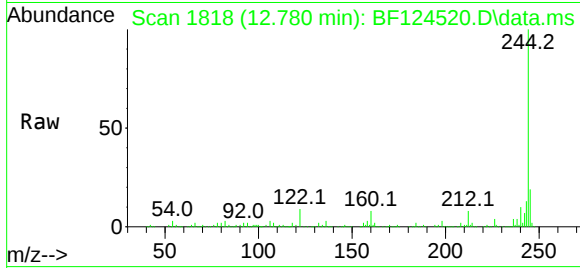




#79
 Terphenyl-d14
 Concen: 69.926 ng
 RT: 12.780 min Scan# 1818
 Delta R.T. -0.000 min
 Lab File: BF124520.D
 Acq: 2 Jul 2021 15:56

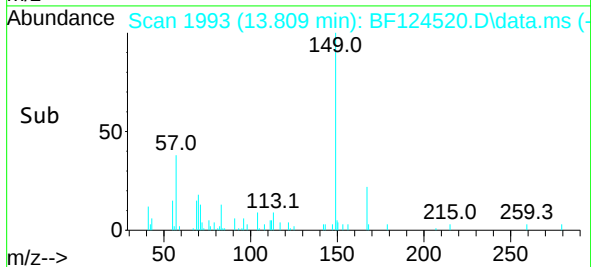
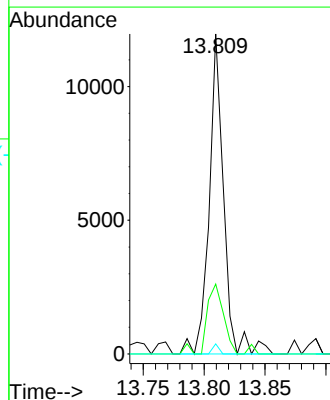
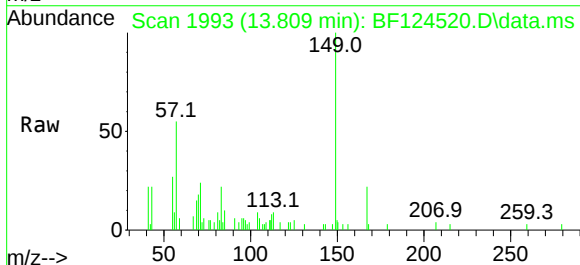
Instrument :
 BNA_F
 ClientSampleId :
 WC-CROPSEY-AQUEOUS

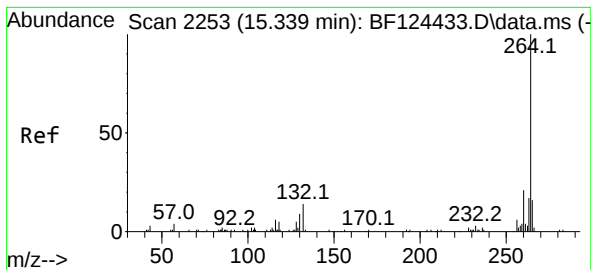
Tgt Ion:244 Resp: 450154
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 8.6 9.7 14.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.124 ng
 RT: 13.809 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: BF124520.D
 Acq: 2 Jul 2021 15:56

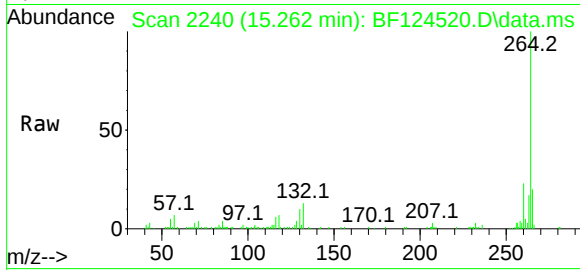
Tgt Ion:149 Resp: 9944
 Ion Ratio Lower Upper
 149 100
 167 21.9 21.8 32.6
 279 3.1 3.3 4.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.262 min Scan# 2240
 Delta R.T. -0.000 min
 Lab File: BF124520.D
 Acq: 2 Jul 2021 15:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-CROPSEY-AQUEOUS



Tgt Ion:264 Resp: 83096
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 20.1 17.8 26.8

