

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123412.D
 Acq On : 23 Mar 2021 19:53
 Operator : JU/CG
 Sample : M1763.-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EL-509-WATER-SAMPLE

Quant Time: Mar 24 00:26:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

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

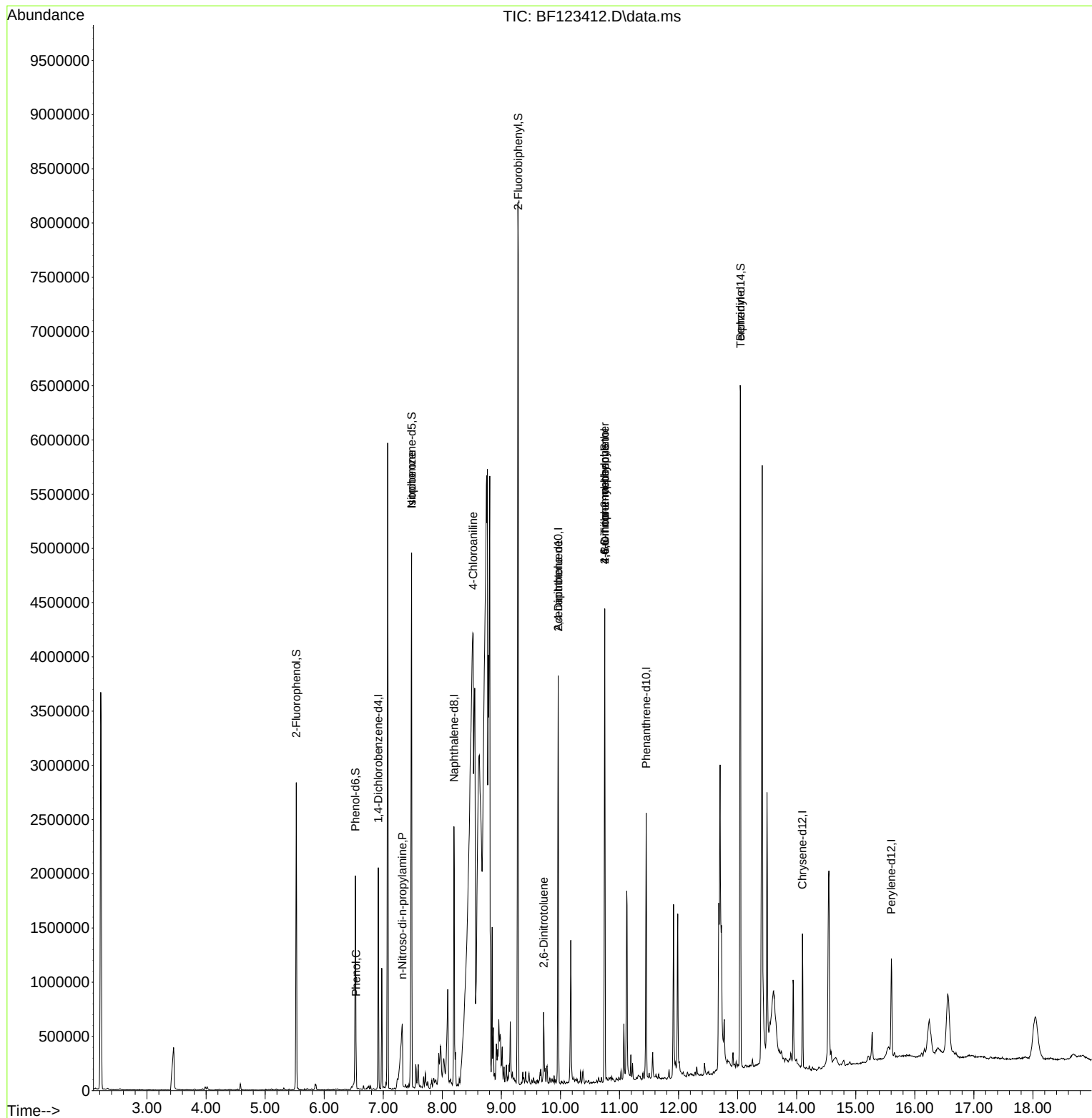
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	262595	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	966511	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	510629	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	800173	20.00	ng	0.00
76) Chrysene-d12	14.098	240	405013	20.00	ng	0.00
86) Perylene-d12	15.604	264	423843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	648456	40.40	ng	0.00
7) Phenol-d6	6.528	99	530628	24.83	ng	0.00
23) Nitrobenzene-d5	7.481	82	1539715	85.98	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	482315	84.49	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	2763196	77.31	ng	0.00
79) Terphenyl-d14	13.051	244	2475739	103.60	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	3914	Below Cal	#	73
10) Phenol	6.539	94	65030	2.96	ng	94
19) n-Nitroso-di-n-propyla...	7.322	70	39560	2.86	ng	# 5
25) Isophorone	7.481	82	1536991	39.92	ng	# 65
33) 4-Chloroaniline	8.522	127	384880	18.05	ng	# 39
51) 2,6-Dinitrotoluene	9.716	165	44795	5.91	ng	# 36
57) 2,4-Dinitrotoluene	9.963	165	66960	7.08	ng	# 30
65) 4,6-Dinitro-2-methylph...	10.751	198	1011	5.33	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	28428	3.00	ng	# 1
77) Benzidine	13.045	184	34254	2.84	ng	# 89

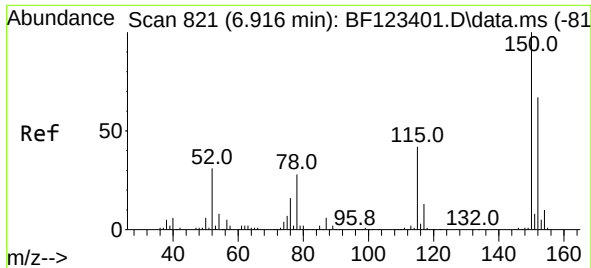
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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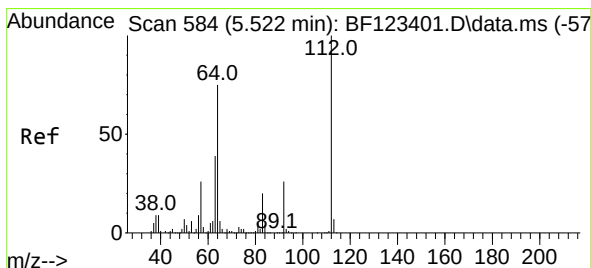
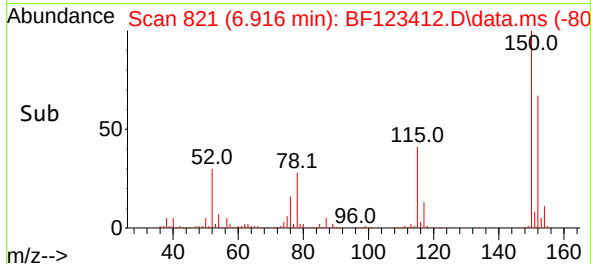
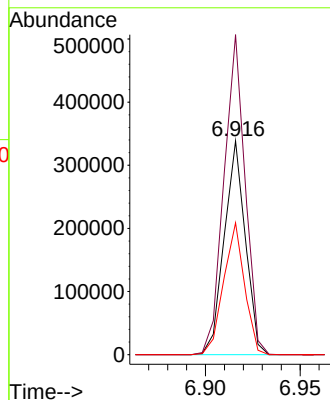
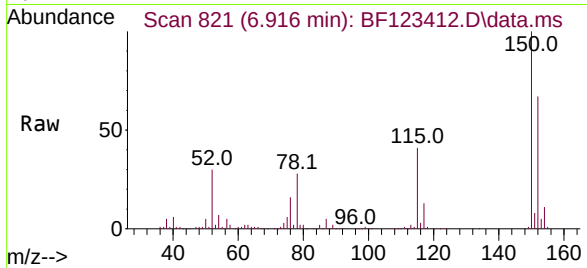




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.916 min Scan# 821
 Delta R.T. -0.000 min
 Lab File: BF123412.D
 Acq: 23 Mar 2021 19:53

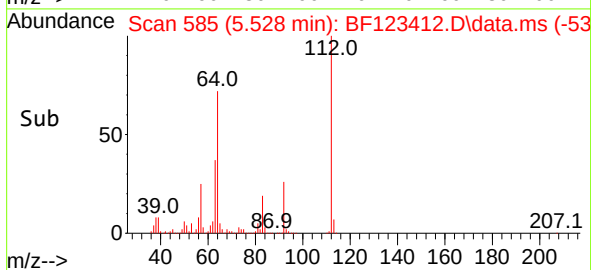
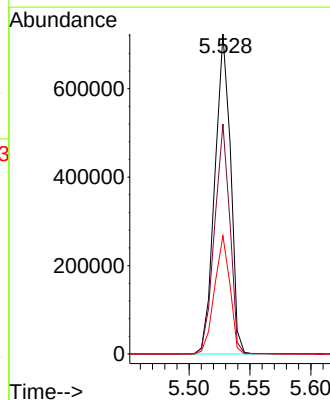
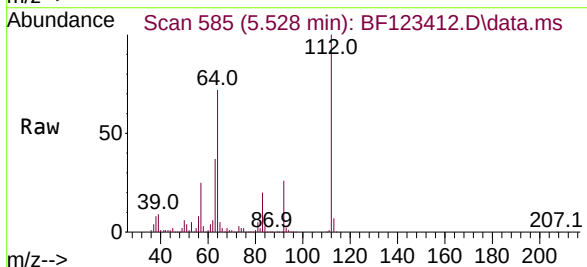
Instrument :
 BNA_F
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 EL-509-WATER-SAMPLE

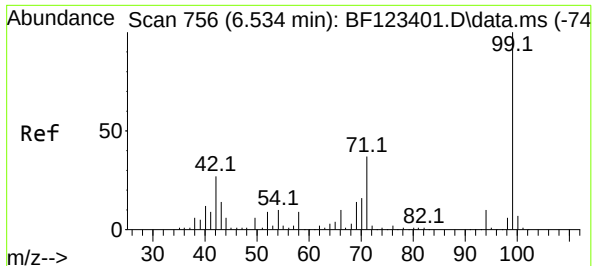
Tgt Ion:152 Resp: 262595
 Ion Ratio Lower Upper
 152 100
 150 149.7 125.8 188.6
 115 61.7 49.3 73.9



#5
 2-Fluorophenol
 Concen: 40.40 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.006 min
 Lab File: BF123412.D
 Acq: 23 Mar 2021 19:53

Tgt Ion:112 Resp: 648456
 Ion Ratio Lower Upper
 112 100
 64 71.9 46.9 70.3#
 63 36.9 24.5 36.7#

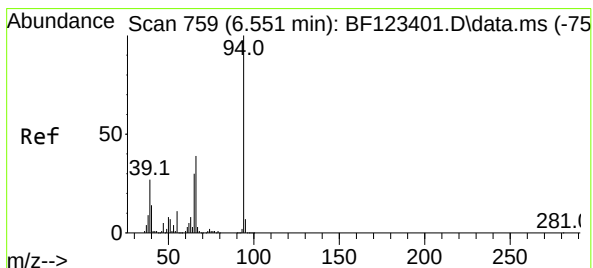
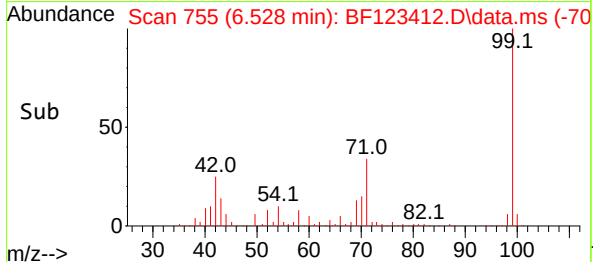
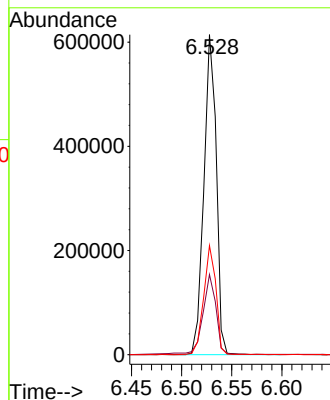
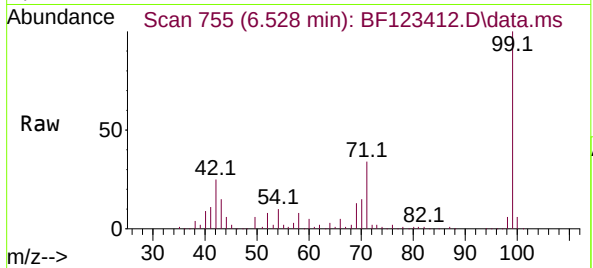




#7
Phenol-d6
Concen: 24.83 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

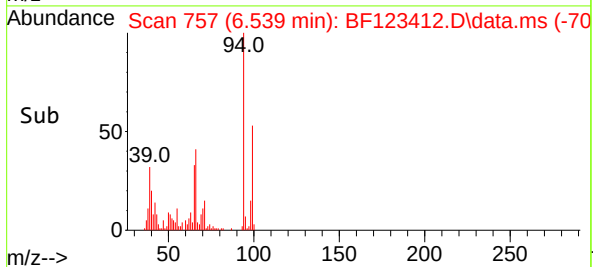
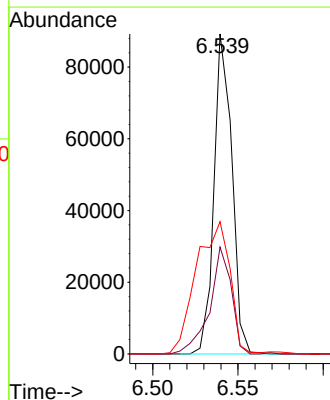
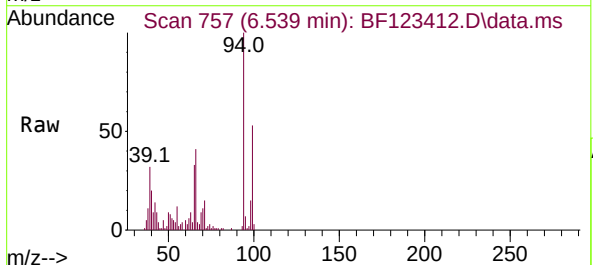
Instrument :
BNA_F
ClientSampleId :
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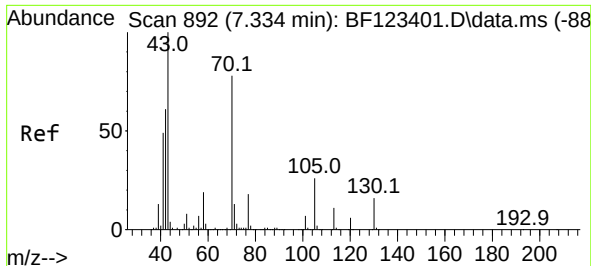
Tgt Ion: 99 Resp: 530628
Ion Ratio Lower Upper
99 100
42 25.1 13.8 20.6#
71 34.1 26.9 40.3



#10
Phenol
Concen: 2.96 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

Tgt Ion: 94 Resp: 65030
Ion Ratio Lower Upper
94 100
65 33.4 11.2 51.2
66 41.3 25.8 65.8

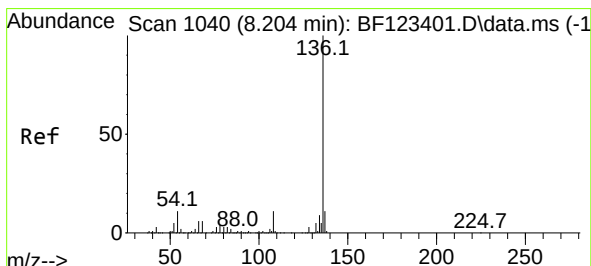
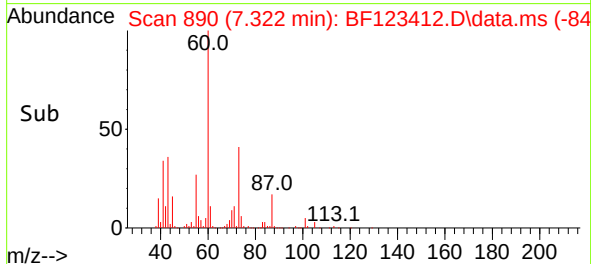
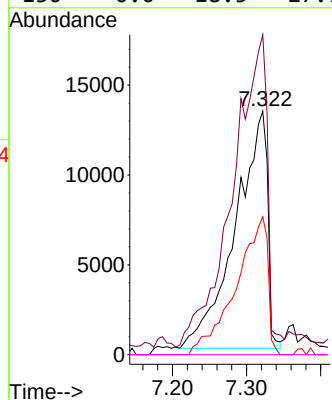
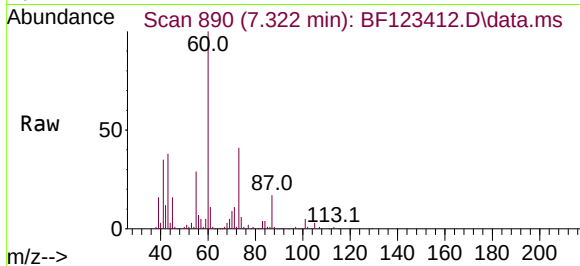




#19
n-Nitroso-di-n-propylamine
Concen: 2.86 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

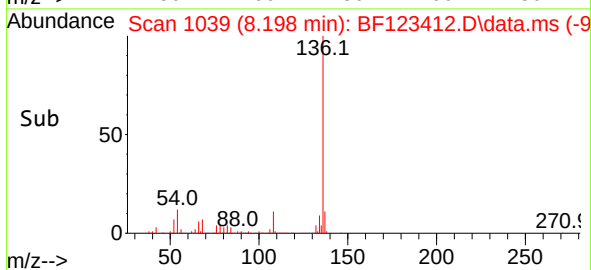
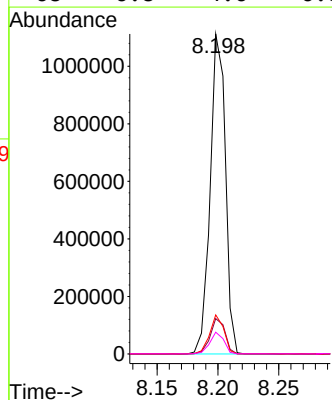
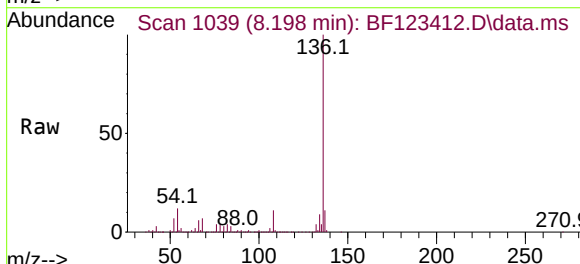
Instrument :
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ClientSampleId :
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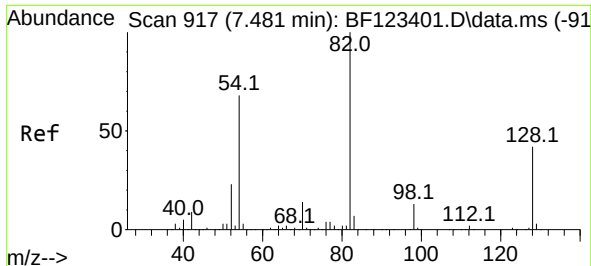
Tgt Ion:	70	Resp:	39560
Ion	Ratio	Lower	Upper
70	100		
42	131.4	43.0	64.4#
101	56.6	7.9	11.9#
130	0.0	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

Tgt Ion:	136	Resp:	966511
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.2	5.5	8.3#
68	6.8	4.6	6.8

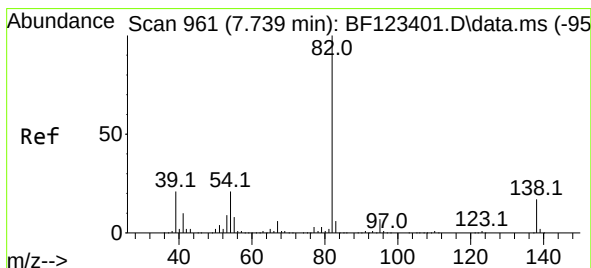
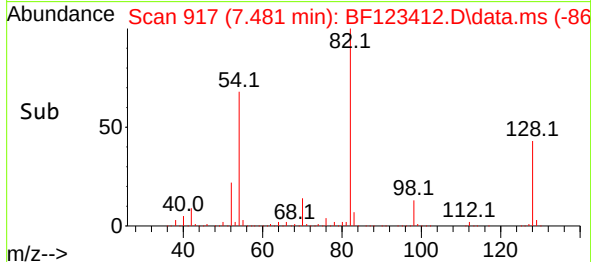
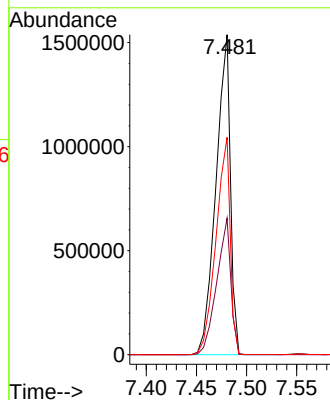
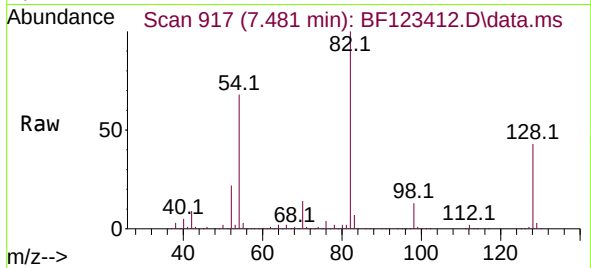




#23
Nitrobenzene-d5
Concen: 85.98 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

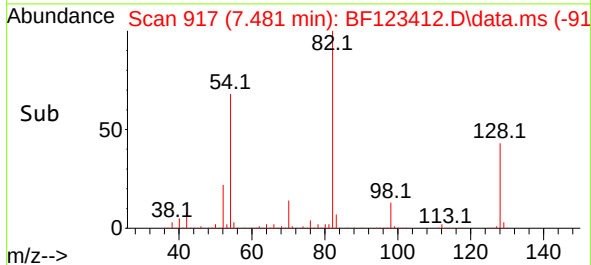
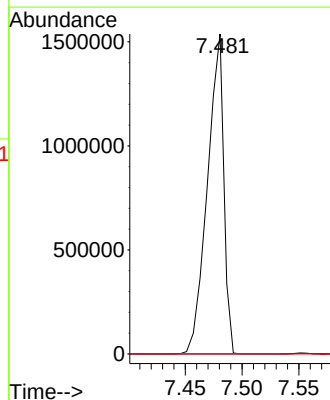
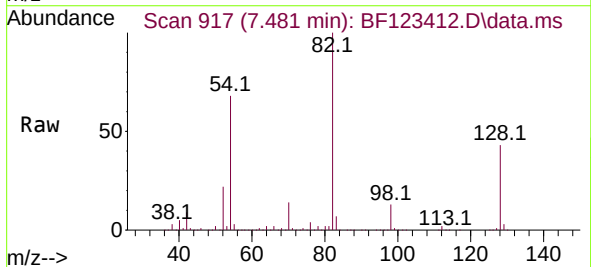
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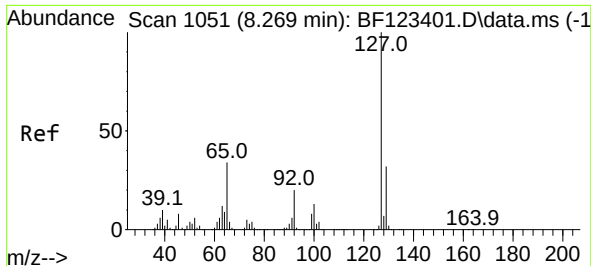
Tgt Ion: 82 Resp: 1539715
Ion Ratio Lower Upper
82 100
128 42.6 37.0 55.4
54 67.9 38.4 57.6#



#25
Isophorone
Concen: 39.92 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.259 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

Tgt Ion: 82 Resp: 1536991
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

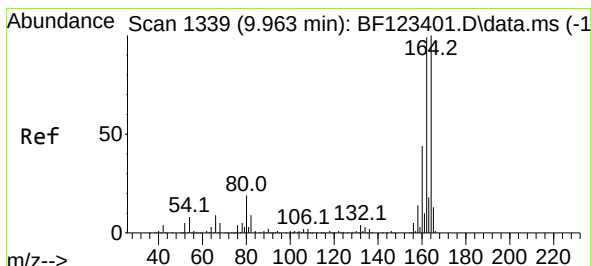
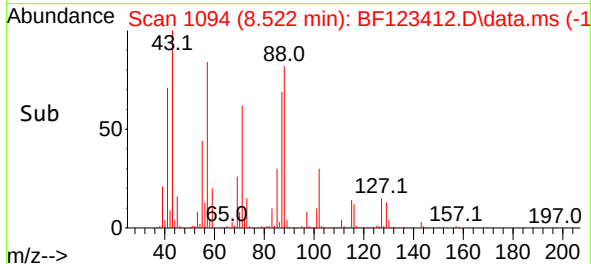
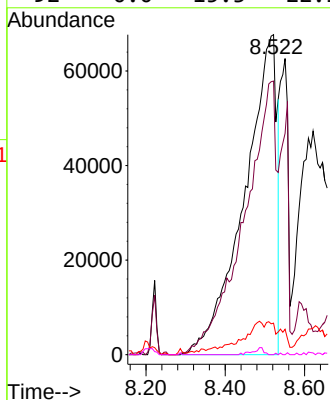
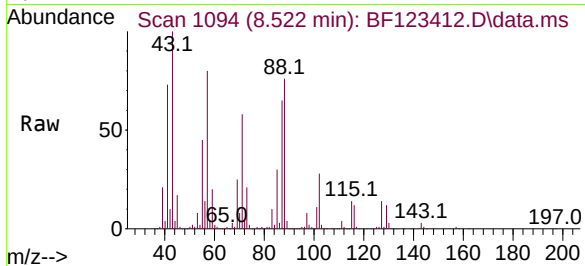




#33
4-Chloroaniline
Concen: 18.05 ng
RT: 8.522 min Scan# 1094
Delta R.T. 0.253 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

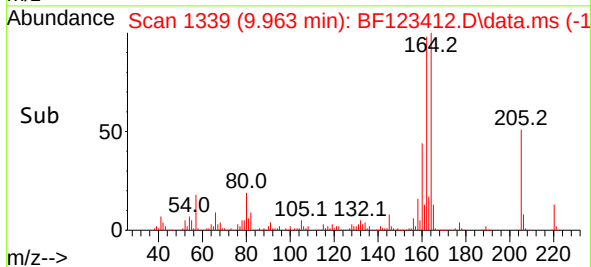
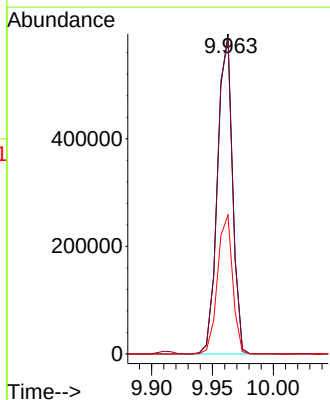
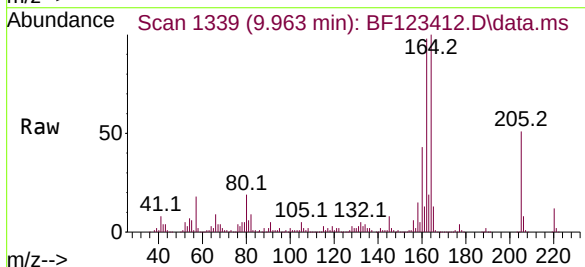
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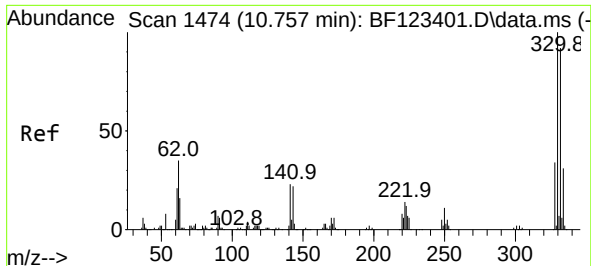
Tgt Ion:	127	Resp:	384880
Ion Ratio	Lower	Upper	
127	100		
129	85.5	26.2	39.2#
65	9.9	22.2	33.2#
92	0.0	15.3	22.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

Tgt Ion:	164	Resp:	510629
Ion Ratio	Lower	Upper	
164	100		
162	98.1	80.8	121.2
160	43.4	35.4	53.0

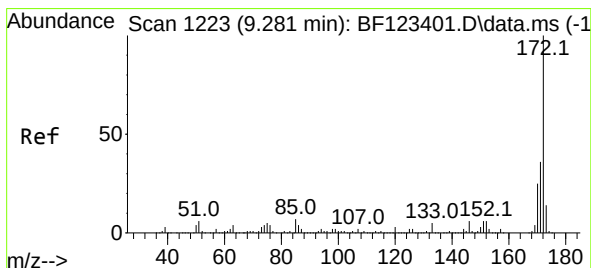
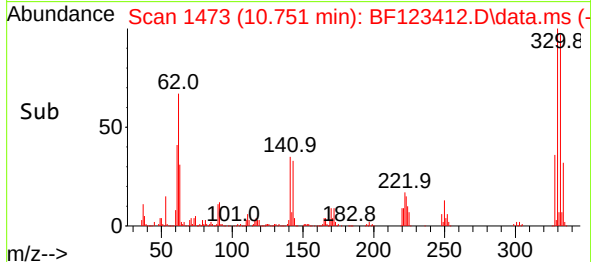
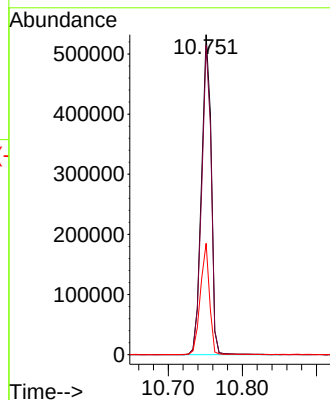
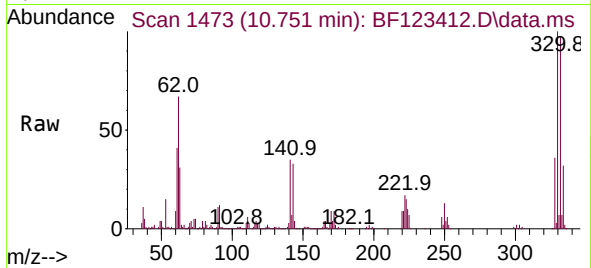




#42
 2,4,6-Tribromophenol
 Concen: 84.49 ng
 RT: 10.751 min Scan# 1473
 Delta R.T. -0.006 min
 Lab File: BF123412.D
 Acq: 23 Mar 2021 19:53

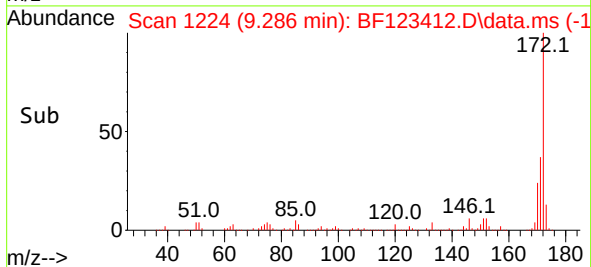
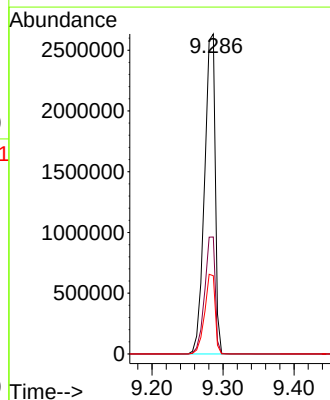
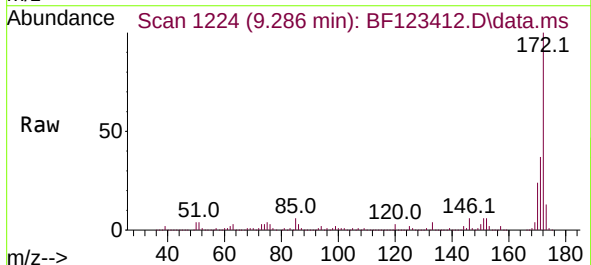
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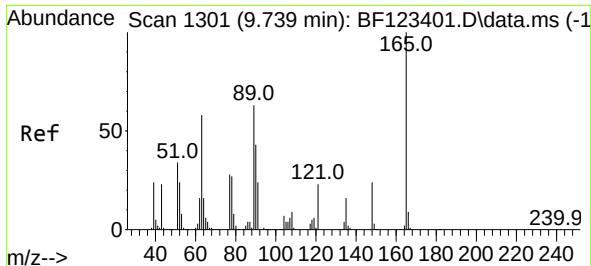
Tgt Ion: 330 Resp: 482315
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.5 116.3
 141 32.3 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 77.31 ng
 RT: 9.286 min Scan# 1224
 Delta R.T. 0.005 min
 Lab File: BF123412.D
 Acq: 23 Mar 2021 19:53

Tgt Ion: 172 Resp: 2763196
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.5 19.5 29.3

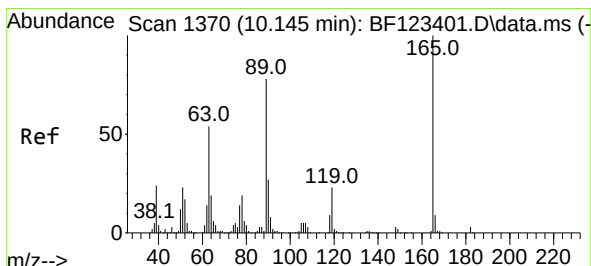
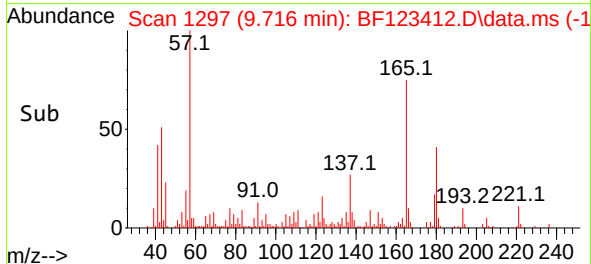
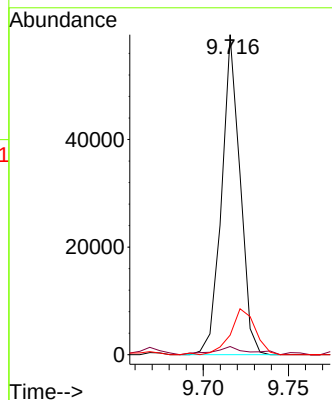
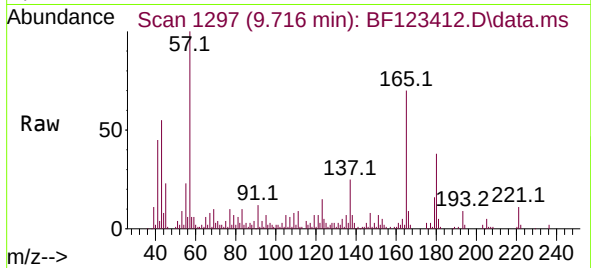




#51
2,6-Dinitrotoluene
Concen: 5.91 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.024 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

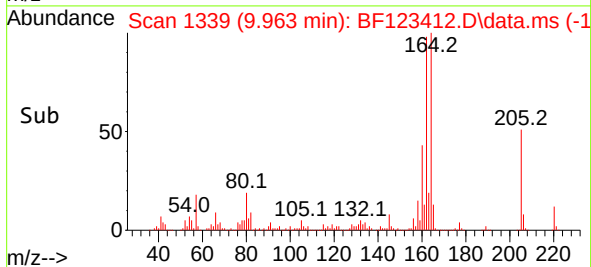
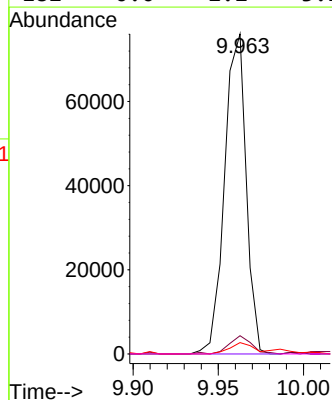
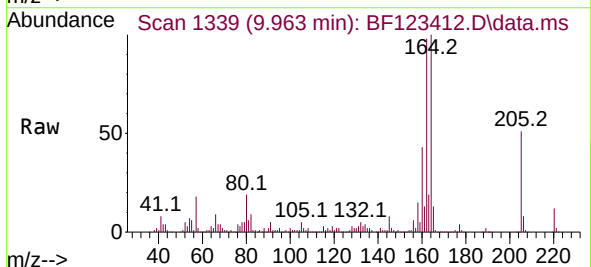
Instrument :
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EL-509-WATER-SAMPLE

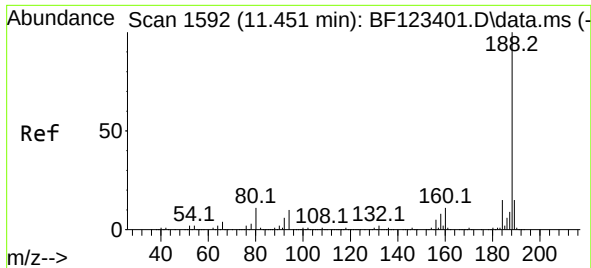
Tgt Ion:165 Resp: 44795
Ion Ratio Lower Upper
165 100
63 2.6 36.6 55.0#
89 6.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.08 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.182 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

Tgt Ion:165 Resp: 66960
Ion Ratio Lower Upper
165 100
63 5.7 34.3 51.5#
89 3.5 55.2 82.8#
182 0.0 2.2 3.2#

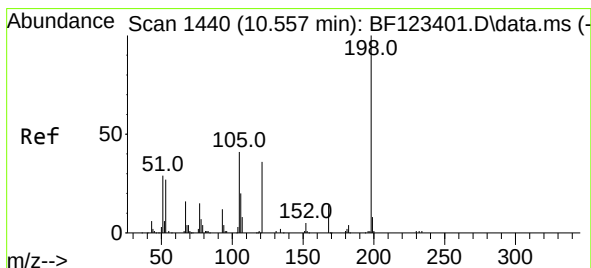
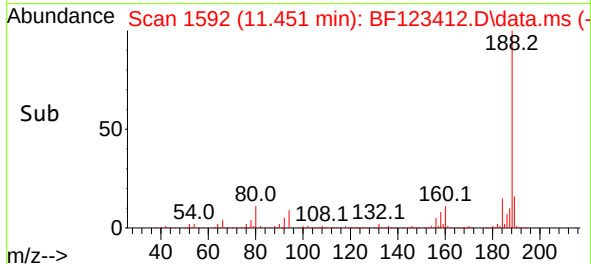
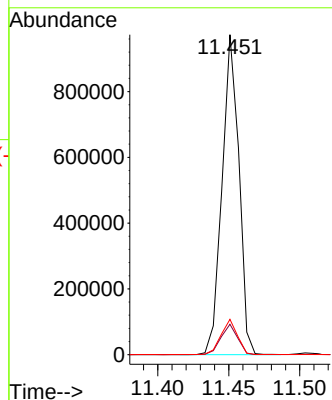
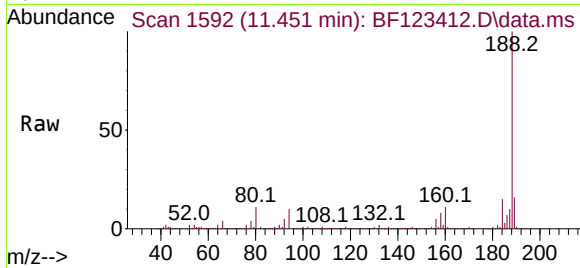




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

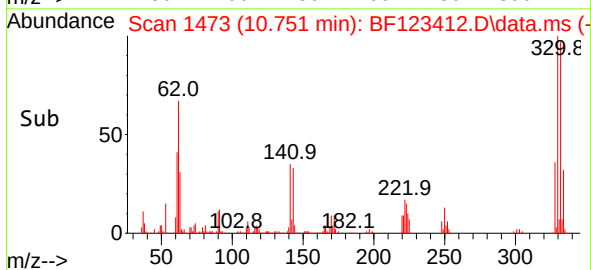
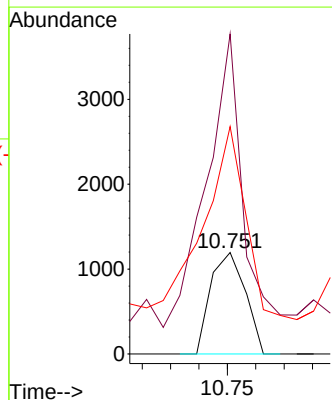
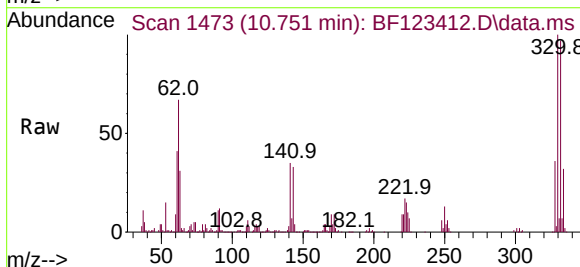
Instrument :
BNA_F
ClientSampleId :
EL-509-WATER-SAMPLE

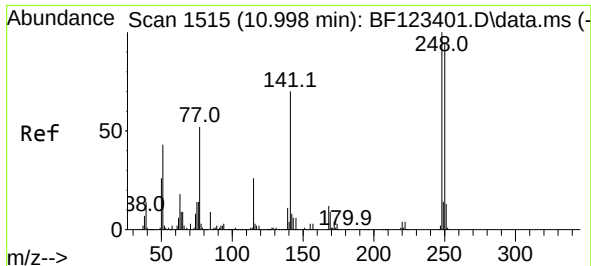
Tgt Ion:188 Resp: 800173
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 11.1 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.33 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.194 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

Tgt Ion:198 Resp: 1011
Ion Ratio Lower Upper
198 100
51 315.2 20.3 60.3#
105 224.0 23.0 63.0#

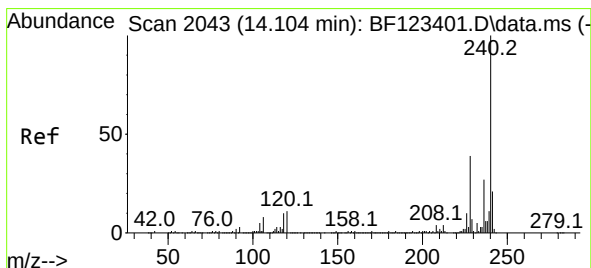
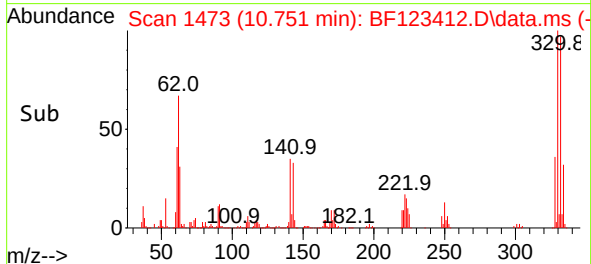
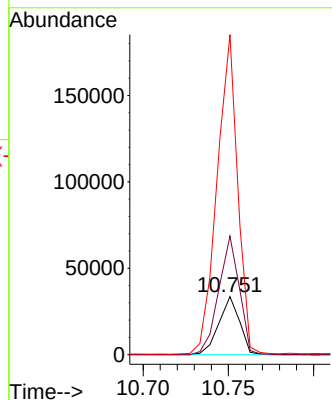
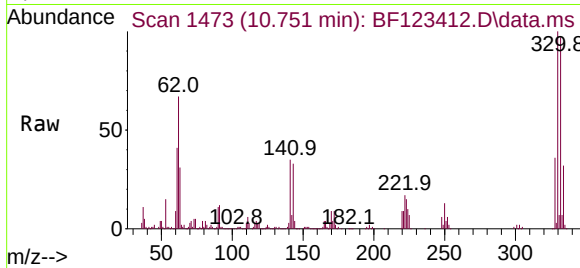




#67
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

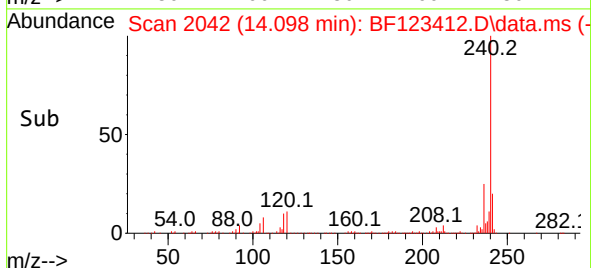
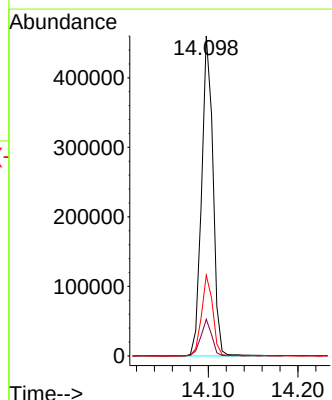
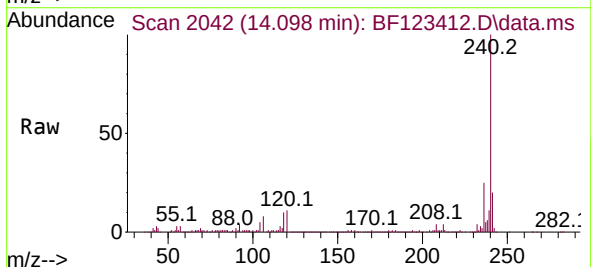
Instrument :
BNA_F
ClientSampleId :
EL-509-WATER-SAMPLE

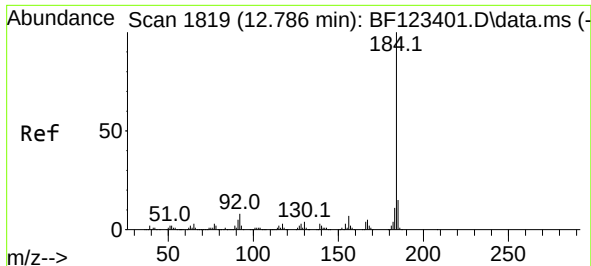
Tgt Ion:248 Resp: 28428
Ion Ratio Lower Upper
248 100
250 204.5 76.8 115.2#
141 551.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

Tgt Ion:240 Resp: 405013
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 25.2 20.3 30.5

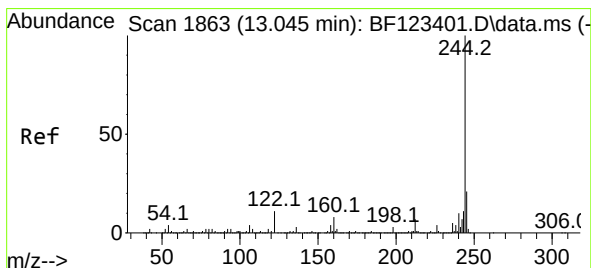
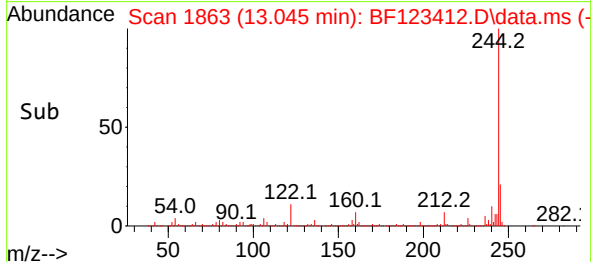
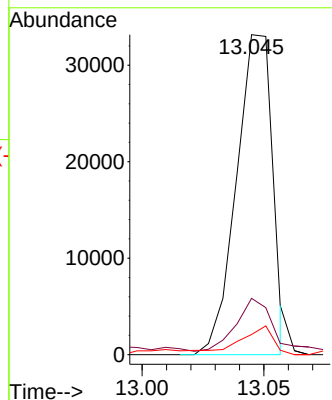
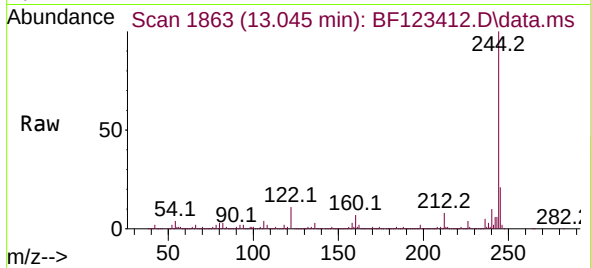




#77
Benzidine
Concen: 2.84 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.259 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

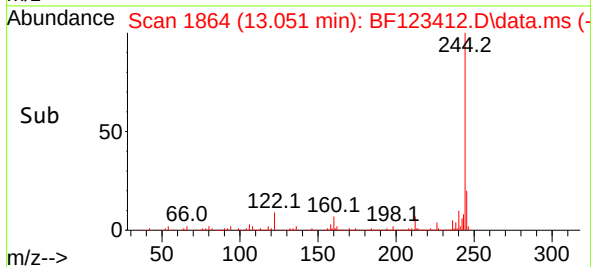
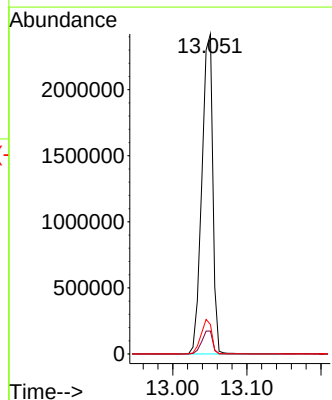
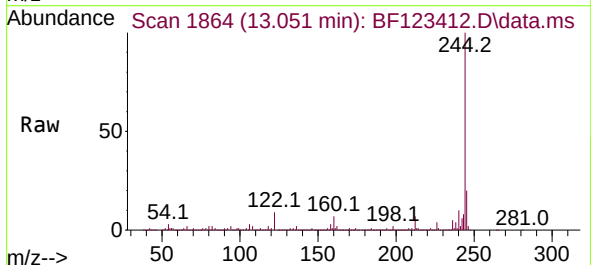
Instrument :
BNA_F
ClientSampleId :
EL-509-WATER-SAMPLE

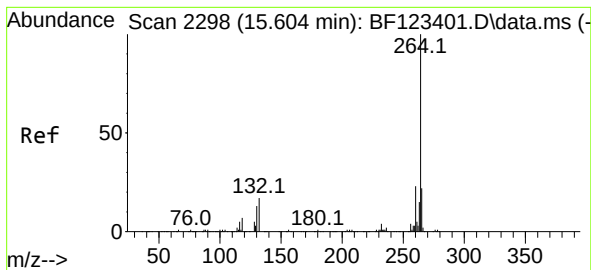
Tgt Ion:184 Resp: 34254
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.6
183 6.3 9.7 14.5#



#79
Terphenyl-d14
Concen: 103.60 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

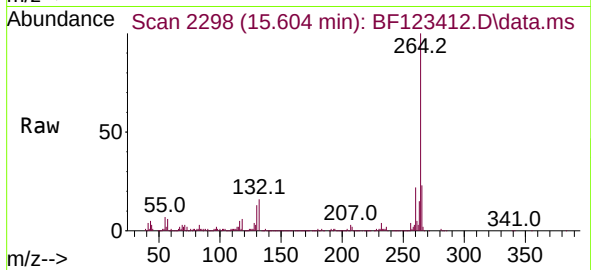
Tgt Ion:244 Resp: 2475739
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.2 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.604 min Scan# 2298
Delta R.T. -0.000 min
Lab File: BF123412.D
Acq: 23 Mar 2021 19:53

Instrument :
BNA_F
ClientSampleId :
EL-509-WATER-SAMPLE



Tgt Ion:264 Resp: 423843

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.6	28.0
265	22.9	17.0	25.6

