

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133302.D
 Acq On : 08 May 2023 19:08
 Operator : CG\JU
 Sample : 02660-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-SAMPLE-API-3-5

Quant Time: May 09 05:07:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

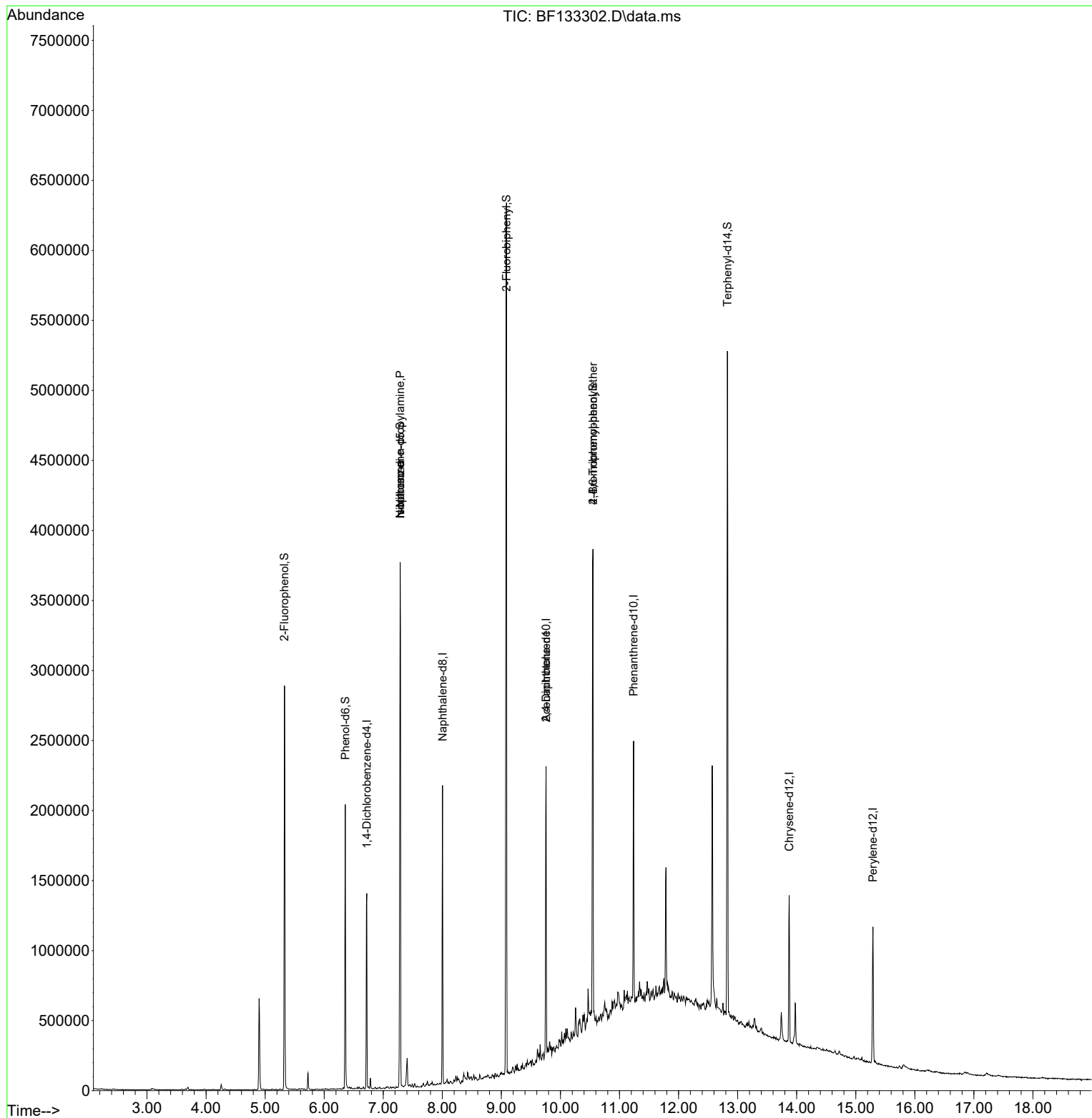
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	201190	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	787042	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	399185	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	646522	20.000	ng	0.00
76) Chrysene-d12	13.874	240	339987	20.000	ng	0.00
86) Perylene-d12	15.292	264	409560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	796231	59.784	ng	0.00
7) Phenol-d6	6.357	99	579163	35.035	ng	-0.01
23) Nitrobenzene-d5	7.287	82	1296660	88.927	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	489998	122.055	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2156377	90.375	ng	0.00
79) Terphenyl-d14	12.827	244	1787910	90.696	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	829	Below Cal	#	84
19) n-Nitroso-di-n-propyla...	7.287	70	173770	16.885	ng	# 77
25) Isophorone	7.287	82	1295689	46.802	ng	# 63
57) 2,4-Dinitrotoluene	9.757	165	52407	6.560	ng	# 24
67) 4-Bromophenyl-phenylether	10.551	248	30902	4.407	ng	# 1

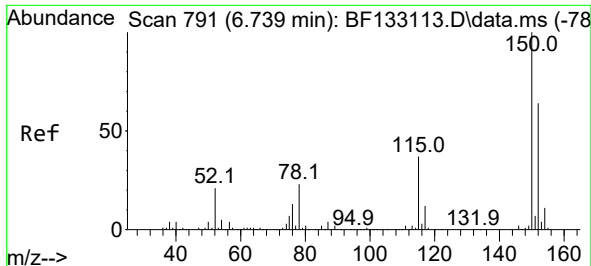
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
Data File : BF133302.D
Acq On : 08 May 2023 19:08
Operator : CG\JU
Sample : 02660-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-5

Quant Time: May 09 05:07:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

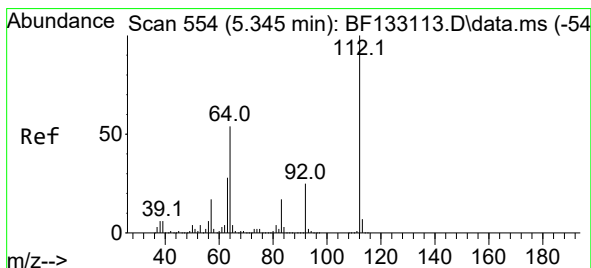
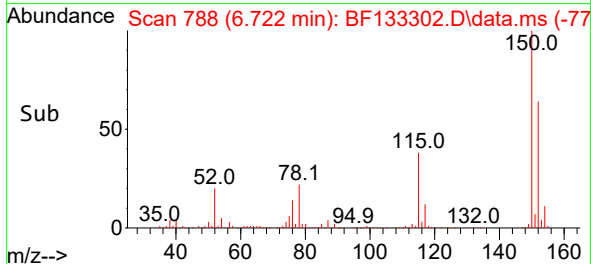
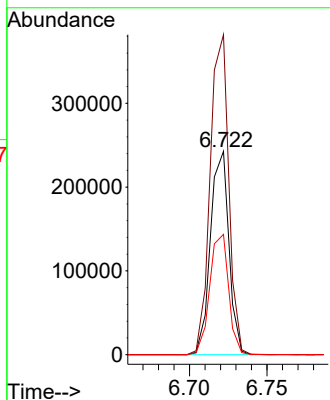
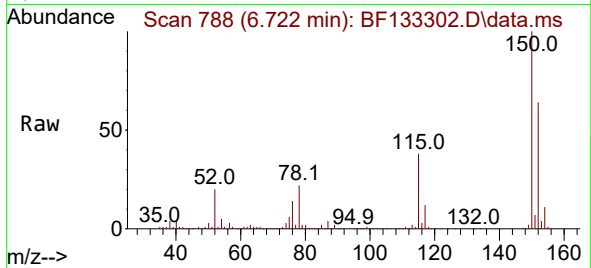




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

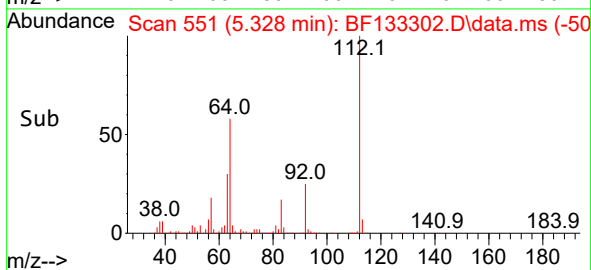
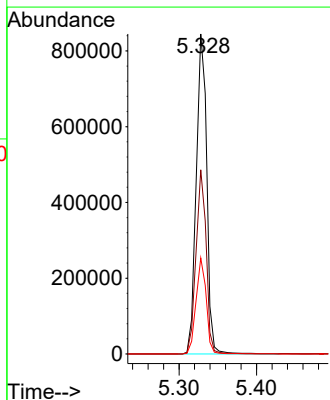
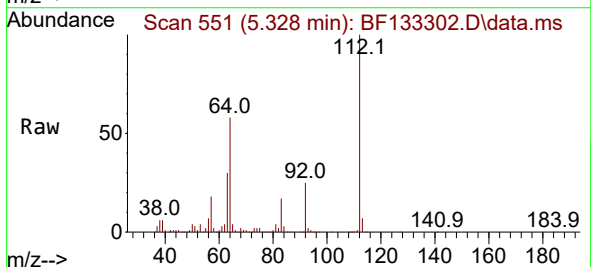
Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-5

Tgt Ion:152 Resp: 201190
Ion Ratio Lower Upper
152 100
150 157.4 124.8 187.2
115 59.2 49.9 74.9



#5
2-Fluorophenol
Concen: 59.784 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

Tgt Ion:112 Resp: 796231
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 30.0 23.8 35.8

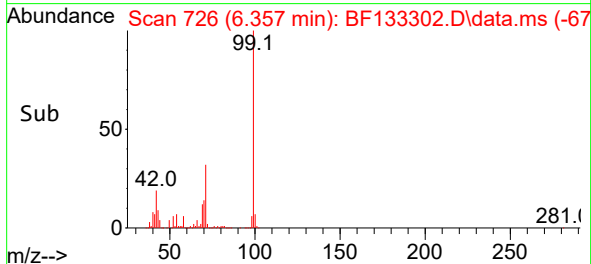
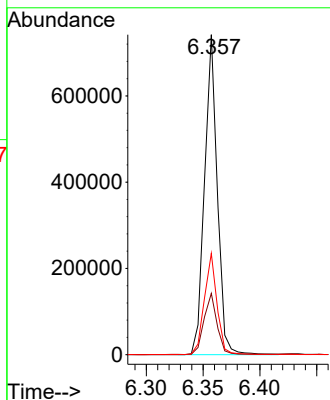
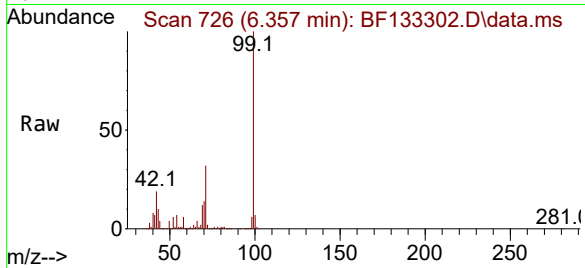




#7
Phenol-d6
Concen: 35.035 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

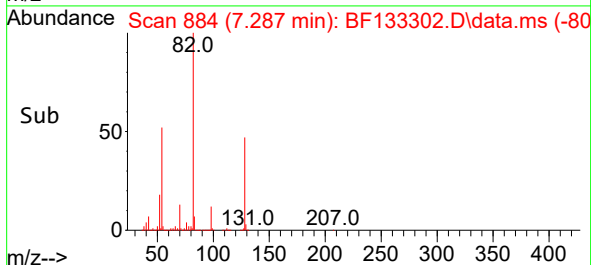
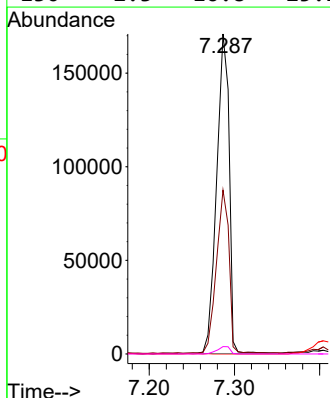
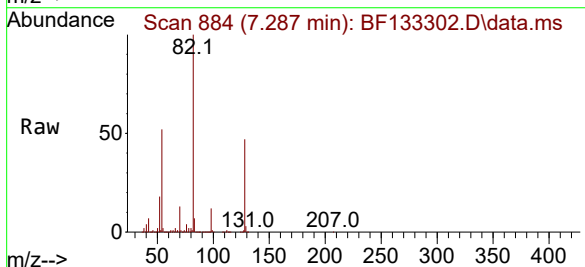
Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-5

Tgt Ion: 99 Resp: 579163
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 31.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.885 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

Tgt Ion: 70 Resp: 173770
Ion Ratio Lower Upper
70 100
42 51.2 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

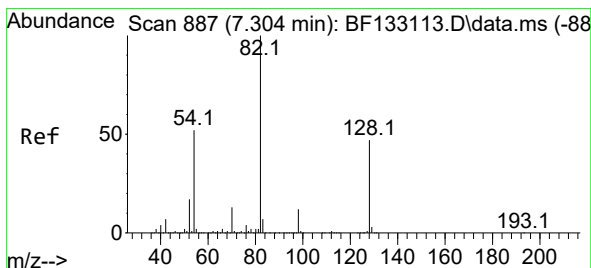
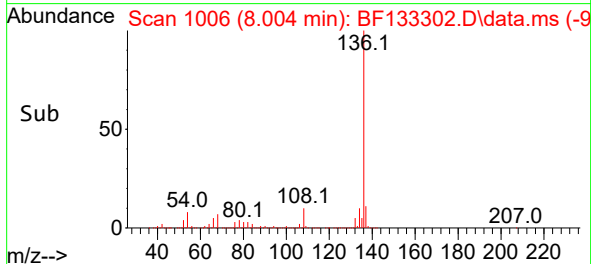
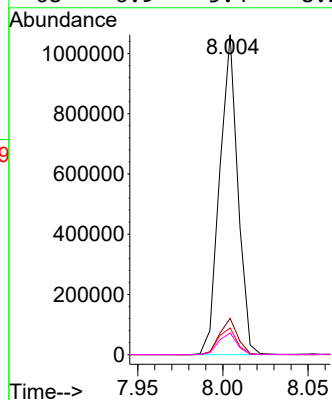
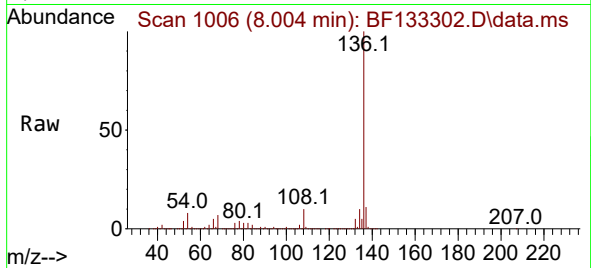




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

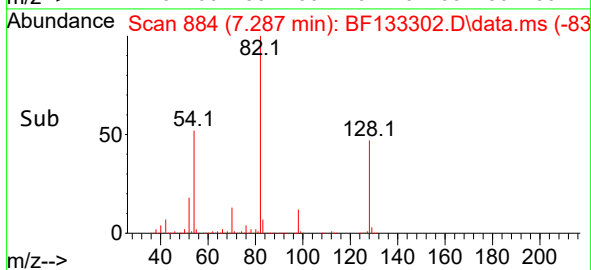
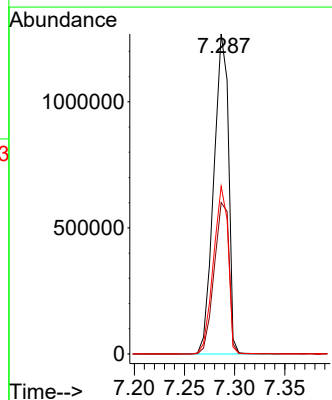
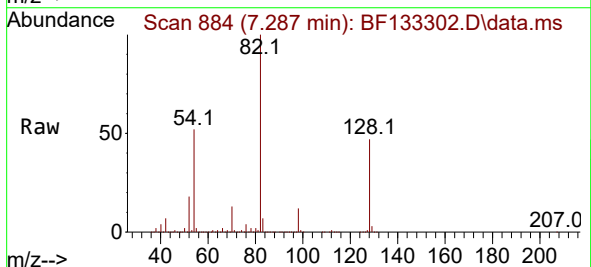
Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-5

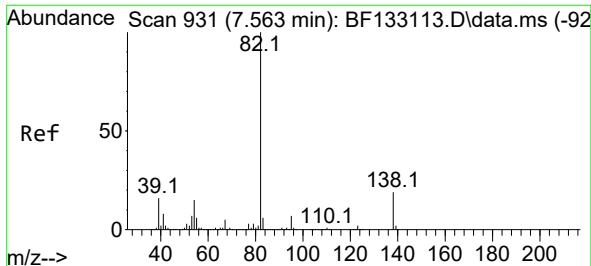
Tgt Ion:136 Resp: 787042
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.4 7.0 10.4
68 6.9 5.4 8.2



#23
Nitrobenzene-d5
Concen: 88.927 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

Tgt Ion: 82 Resp: 1296660
Ion Ratio Lower Upper
82 100
128 47.3 37.7 56.5
54 52.4 43.0 64.4

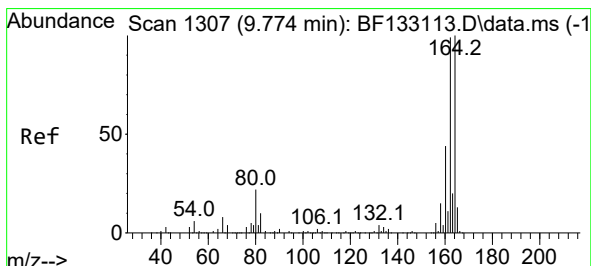
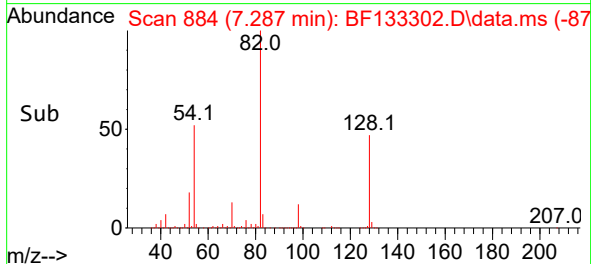
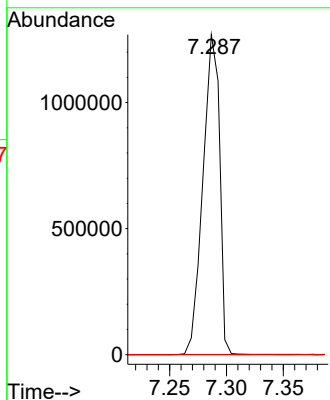
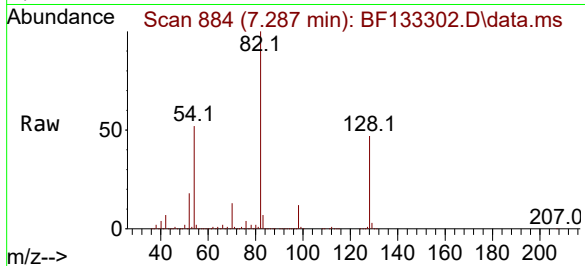




#25
Isophorone
Concen: 46.802 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

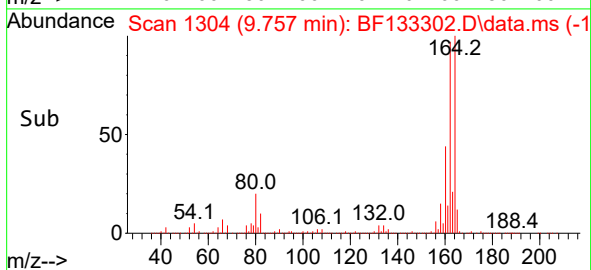
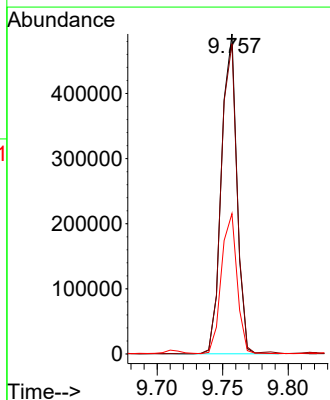
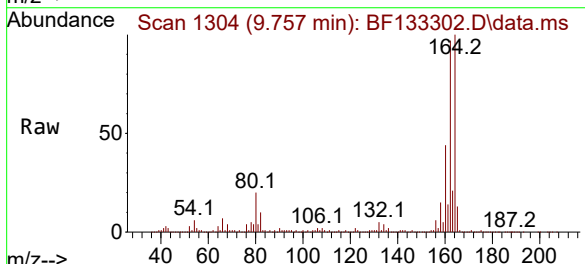
Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-5

Tgt Ion: 82 Resp: 1295689
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

Tgt Ion:164 Resp: 399185
Ion Ratio Lower Upper
164 100
162 97.0 78.7 118.1
160 43.8 35.8 53.6

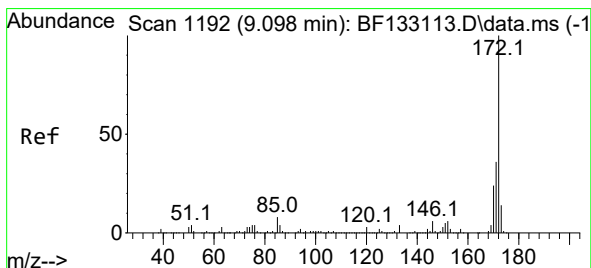
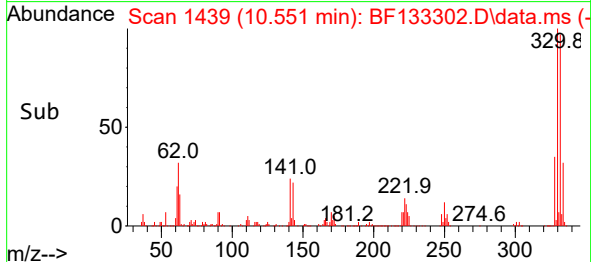
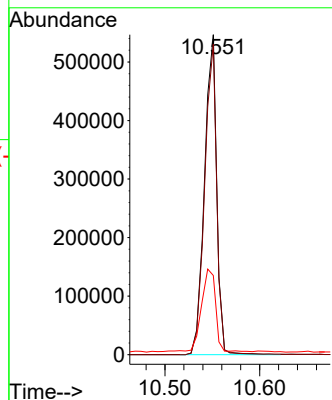
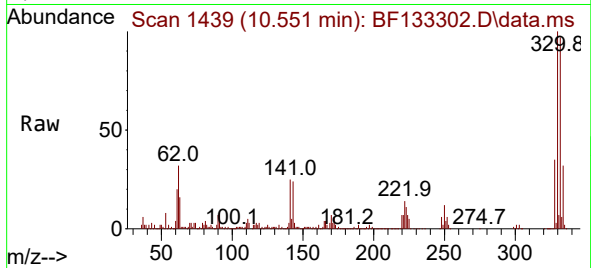




#42
2,4,6-Tribromophenol
Concen: 122.055 ng
RT: 10.551 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

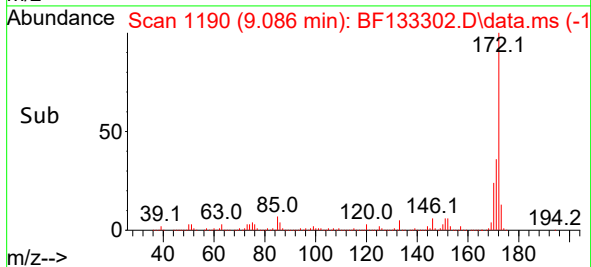
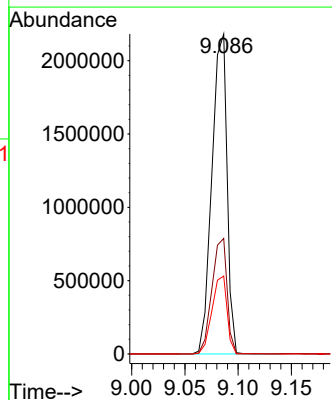
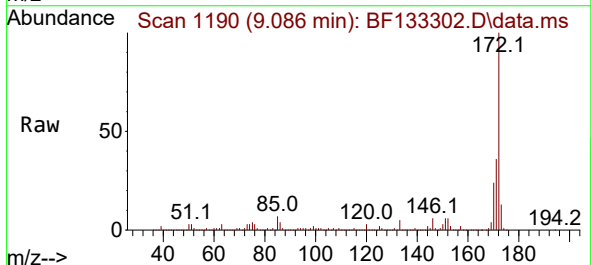
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ClientSampleId :
WATER-SAMPLE-API-3-5

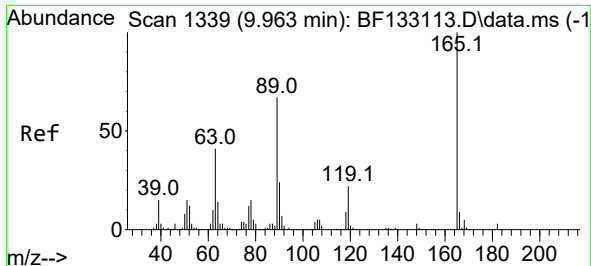
Tgt Ion:330 Resp: 489998
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 30.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 90.375 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

Tgt Ion:172 Resp: 2156377
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.4 19.4 29.2

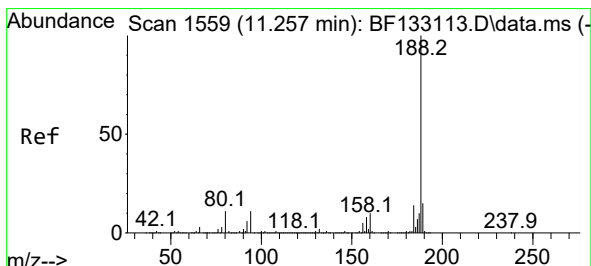
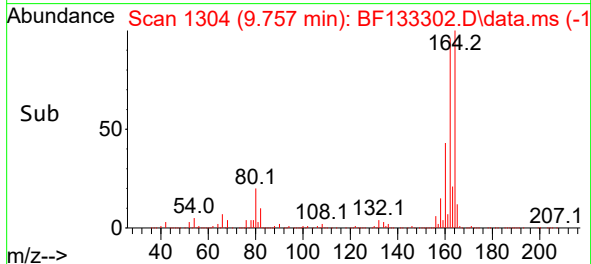
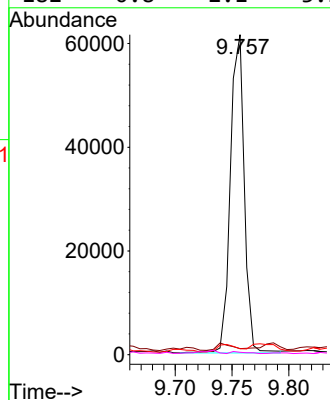
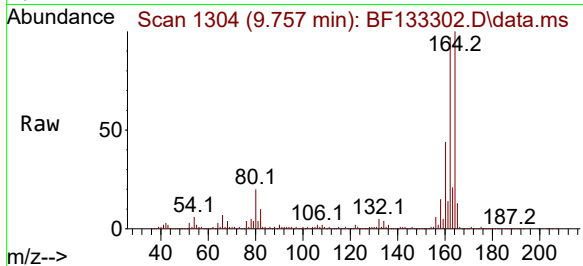




#57
2,4-Dinitrotoluene
Concen: 6.560 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

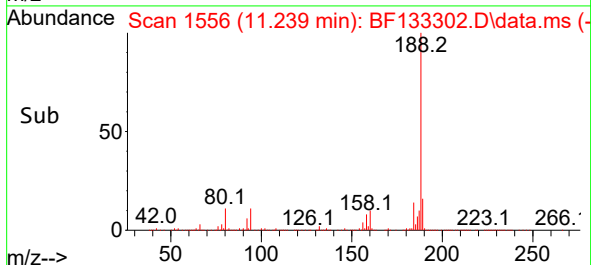
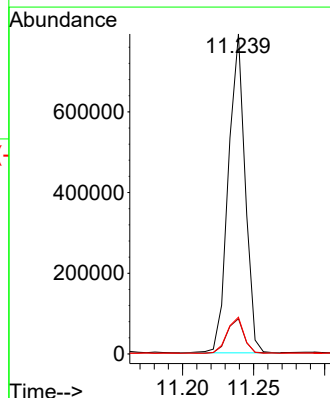
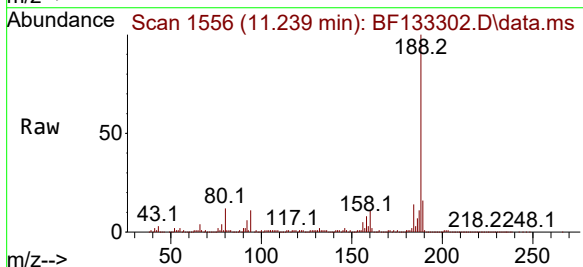
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BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-5

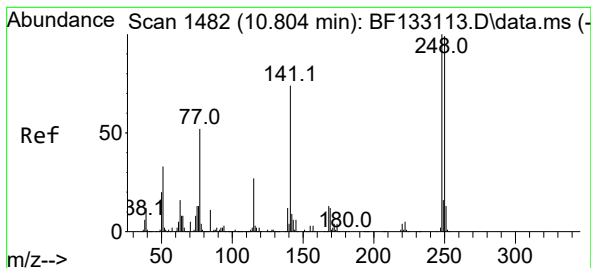
Tgt Ion:165 Resp: 52407
Ion Ratio Lower Upper
165 100
63 1.9 37.7 56.5#
89 1.8 57.0 85.4#
182 0.8 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

Tgt Ion:188 Resp: 646522
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 11.5 10.4 15.6

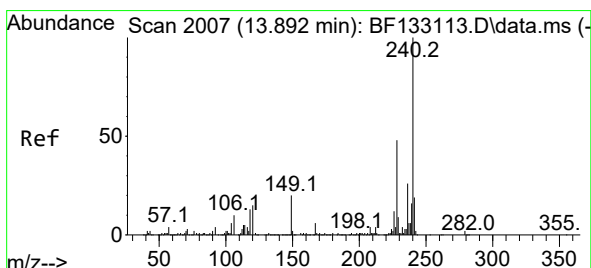
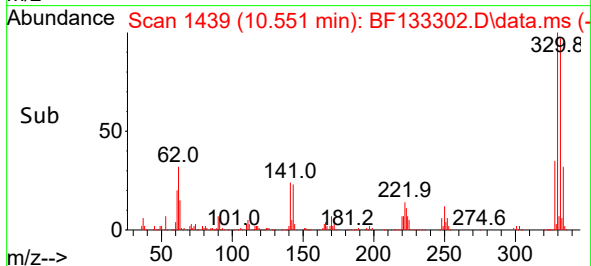
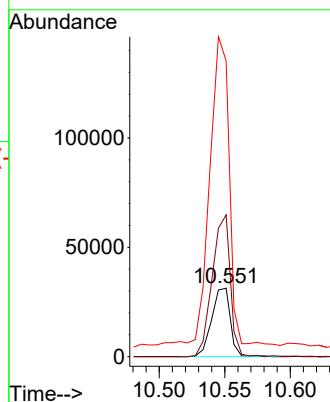
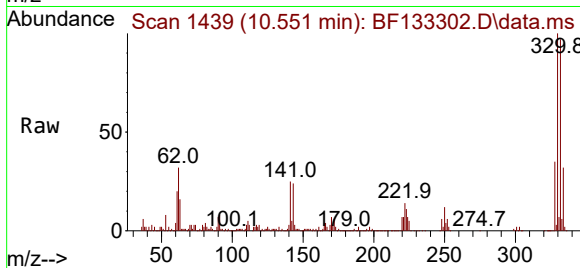




#67
4-Bromophenyl-phenylether
Concen: 4.407 ng
RT: 10.551 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

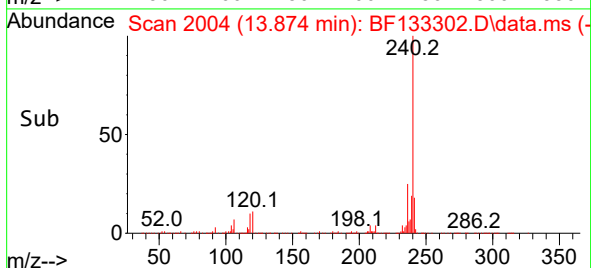
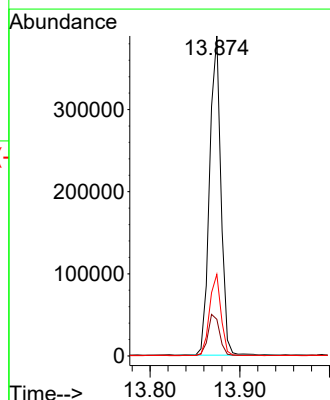
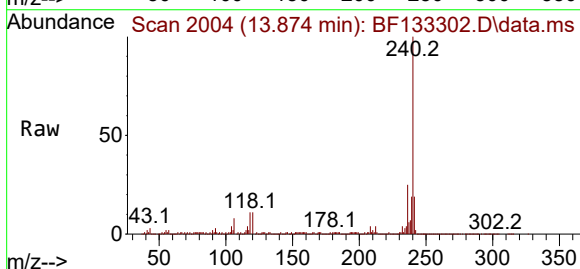
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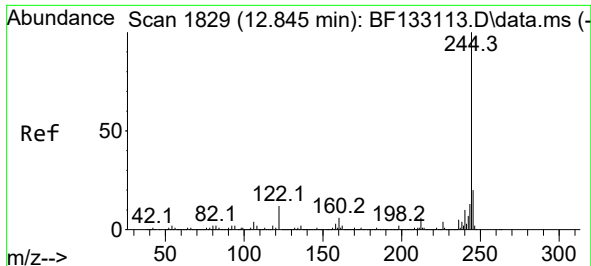
Tgt Ion:248 Resp: 30902
Ion Ratio Lower Upper
248 100
250 207.1 78.7 118.1#
141 432.4 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

Tgt Ion:240 Resp: 339987
Ion Ratio Lower Upper
240 100
120 11.4 10.5 15.7
236 25.5 21.5 32.3

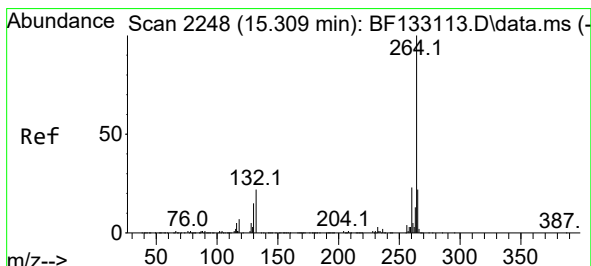
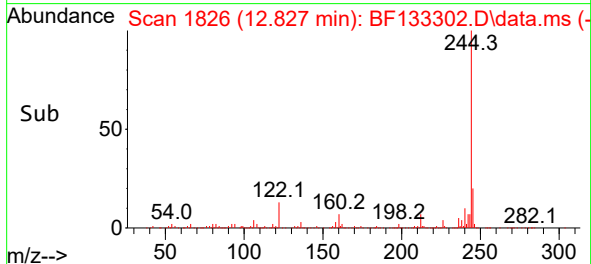
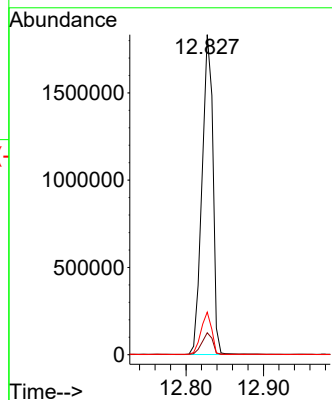
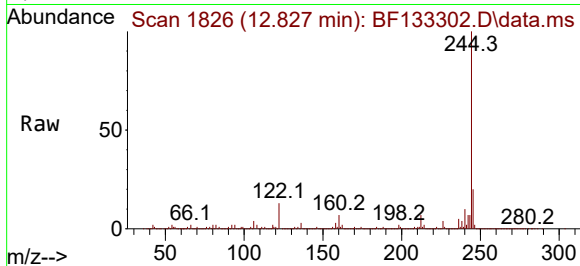




#79
Terphenyl-d14
Concen: 90.696 ng
RT: 12.827 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-5

Tgt Ion:244 Resp: 1787910
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 13.3 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

Tgt Ion:264 Resp: 409560
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 22.0 17.0 25.4

