

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037266.D
 Acq On : 29 Oct 2022 12:18
 Operator : CG/JU
 Sample : N5266-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20221095-200-SITE-WATER

Quant Time: Oct 31 02:05:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 31 01:34:15 2022
 Response via : Initial Calibration

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

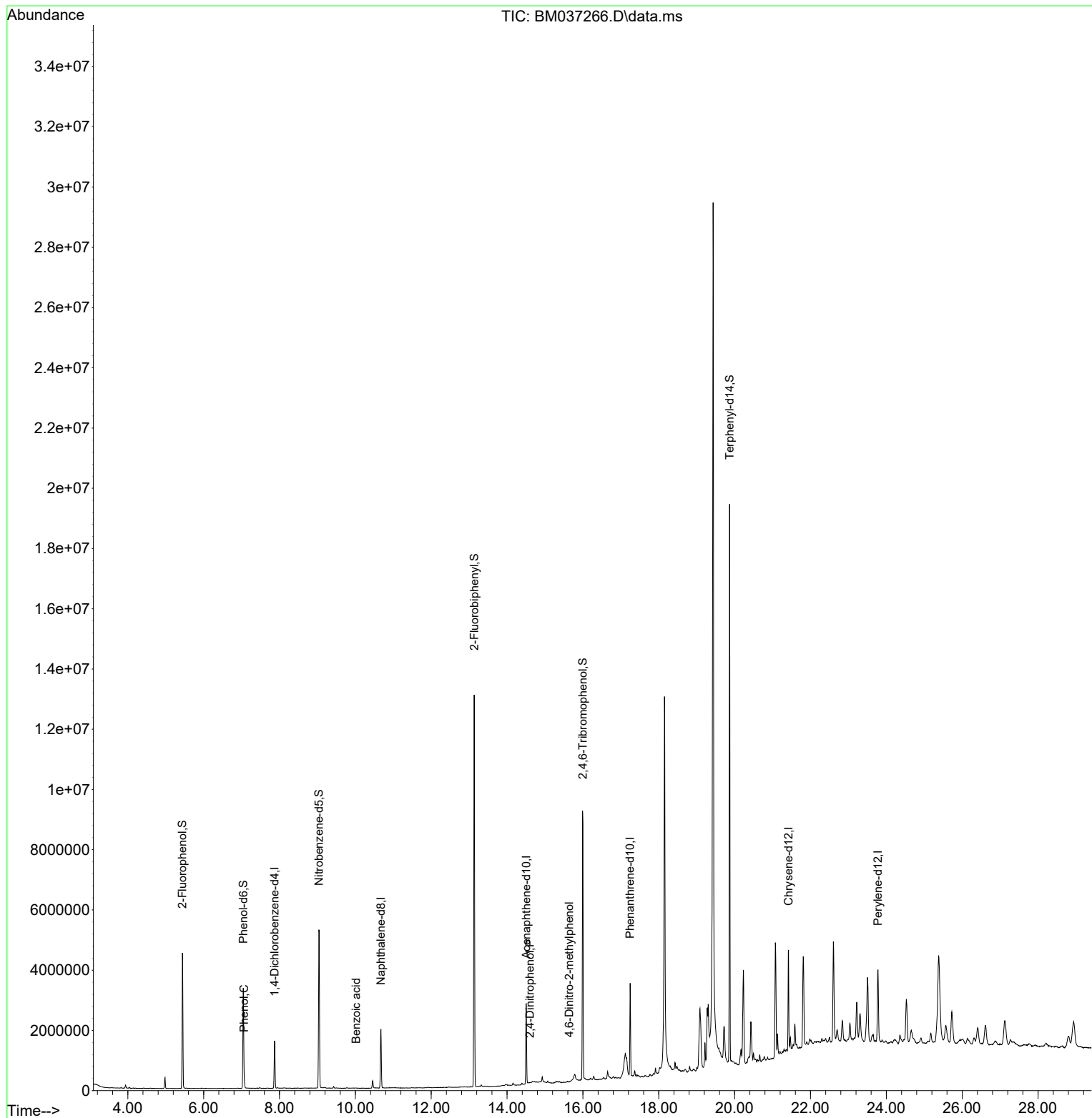
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	411891	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1587570	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	877291	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1673989	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1535689	20.000	ng	0.00
86) Perylene-d12	23.780	264	1657279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1861216	78.067	ng	0.00
7) Phenol-d6	7.046	99	1849066	57.145	ng	0.00
23) Nitrobenzene-d5	9.040	82	2940208	93.439	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1639704	158.600	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	6257986	94.780	ng	0.00
79) Terphenyl-d14	19.868	244	8090835	94.479	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.069	94	97323	2.684	ng	91
32) Benzoic acid	10.022	122	144	6.984	ng	# 22
54) 2,4-Dinitrophenol	14.604	184	55	6.451	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.639	198	174	5.027	ng	# 1

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

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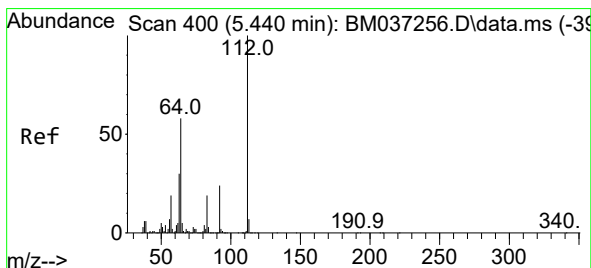
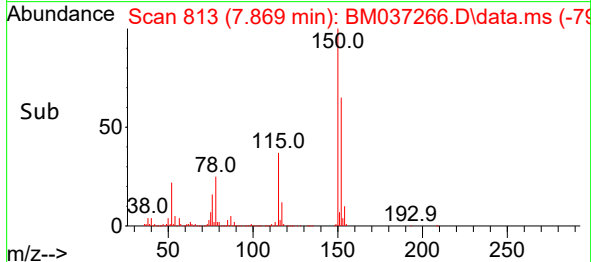
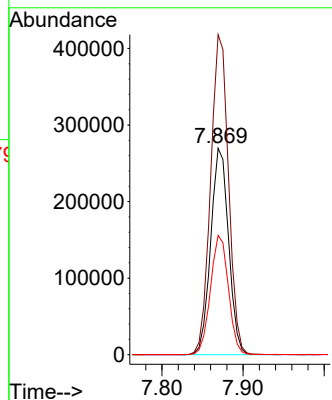
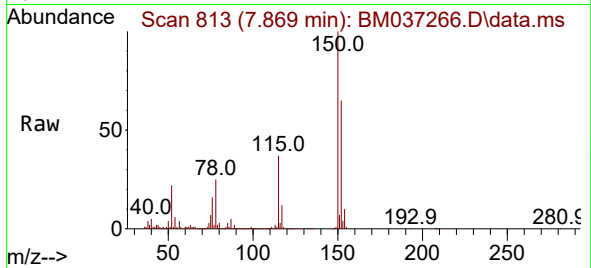




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM037266.D
Acq: 29 Oct 2022 12:18

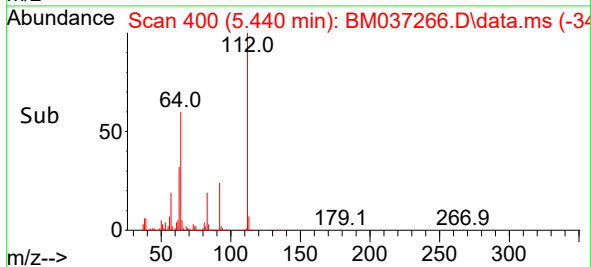
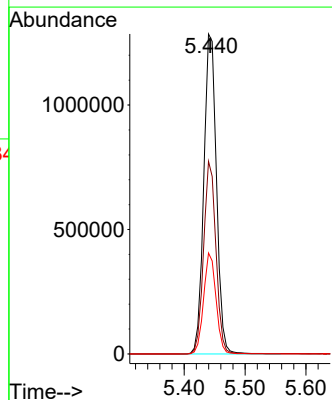
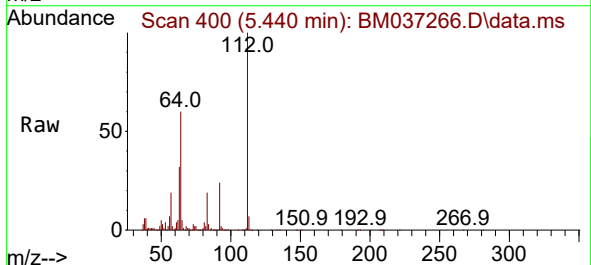
Instrument :
BNA_M
ClientSampleId :
20221095-200-SITE-WATER

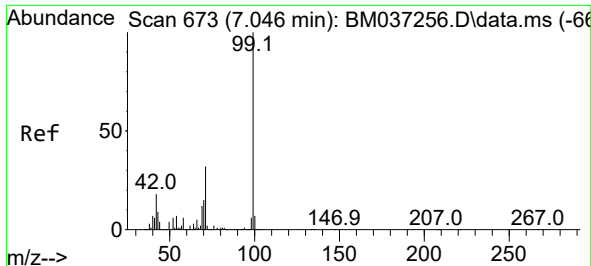
Tgt Ion:152 Resp: 411891
Ion Ratio Lower Upper
152 100
150 155.0 124.8 187.2
115 57.7 47.0 70.4



#5
2-Fluorophenol
Concen: 78.067 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM037266.D
Acq: 29 Oct 2022 12:18

Tgt Ion:112 Resp: 1861216
Ion Ratio Lower Upper
112 100
64 60.2 46.8 70.2
63 31.6 24.4 36.6

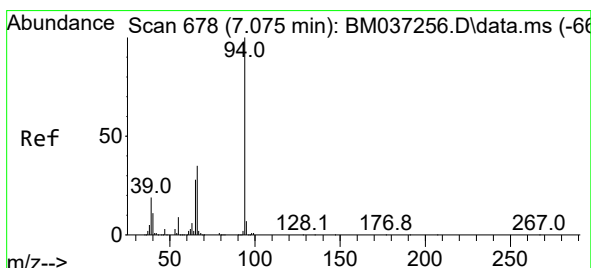
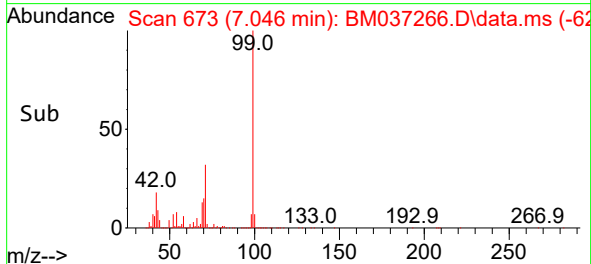
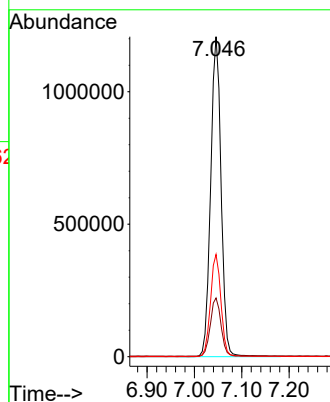
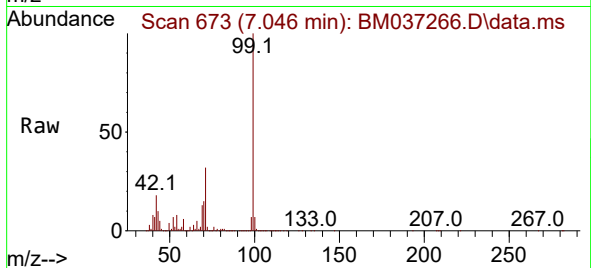




#7
Phenol-d6
Concen: 57.145 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM037266.D
Acq: 29 Oct 2022 12:18

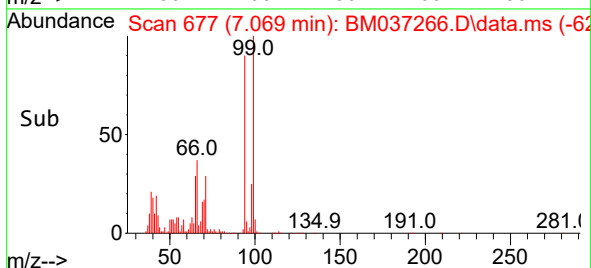
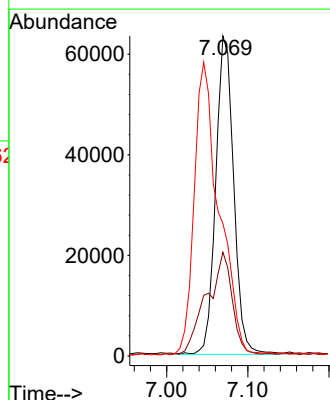
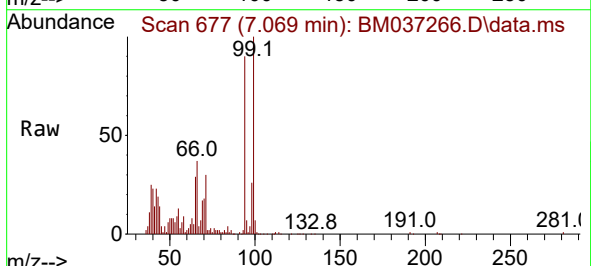
Instrument :
BNA_M
ClientSampleId :
20221095-200-SITE-WATER

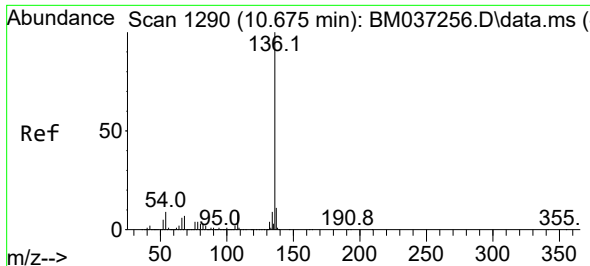
Tgt Ion: 99 Resp: 1849066
Ion Ratio Lower Upper
99 100
42 18.4 14.8 22.2
71 31.9 25.6 38.4



#10
Phenol
Concen: 2.684 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.006 min
Lab File: BM037266.D
Acq: 29 Oct 2022 12:18

Tgt Ion: 94 Resp: 97323
Ion Ratio Lower Upper
94 100
65 32.4 8.1 48.1
66 41.4 15.5 55.5

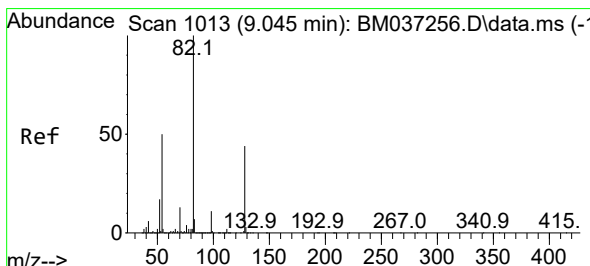
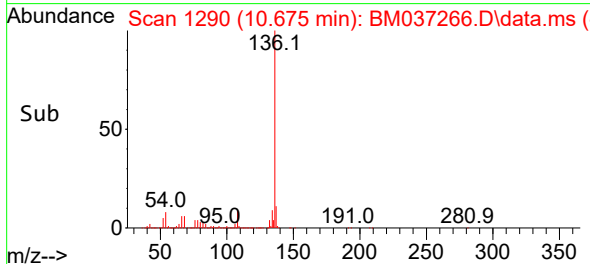
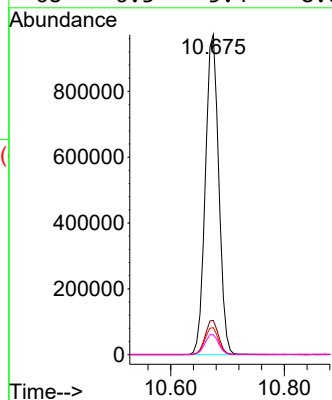
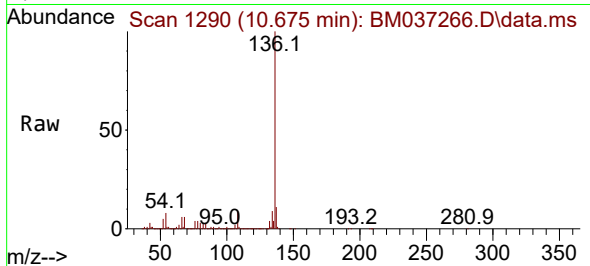




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM037266.D
Acq: 29 Oct 2022 12:18

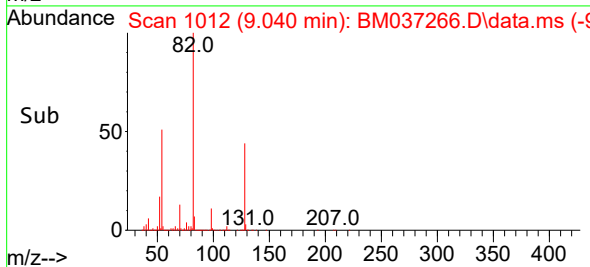
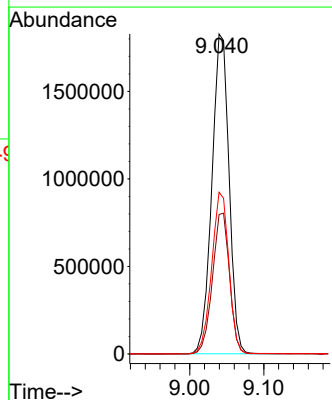
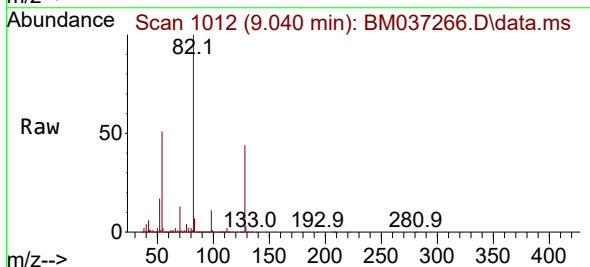
Instrument :
BNA_M
ClientSampleId :
20221095-200-SITE-WATER

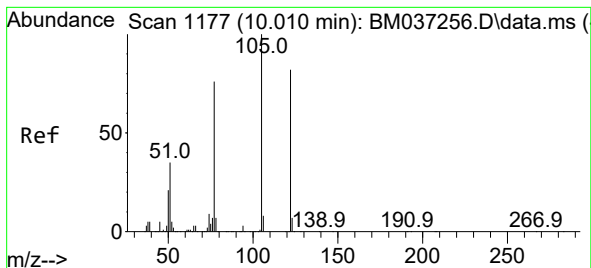
Tgt Ion:136 Resp: 1587570
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.4 7.0 10.4
68 6.3 5.4 8.0



#23
Nitrobenzene-d5
Concen: 93.439 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BM037266.D
Acq: 29 Oct 2022 12:18

Tgt Ion: 82 Resp: 2940208
Ion Ratio Lower Upper
82 100
128 43.6 35.2 52.8
54 50.6 40.4 60.6





#32

Benzoic acid

Concen: 6.984 ng

RT: 10.022 min Scan# 1177

Delta R.T. 0.012 min

Lab File: BM037266.D

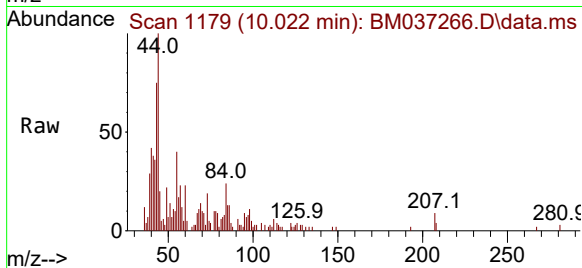
Acq: 29 Oct 2022 12:18

Instrument :

BNA_M

ClientSampleId :

20221095-200-SITE-WATER



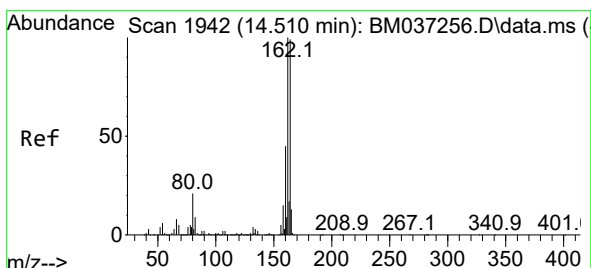
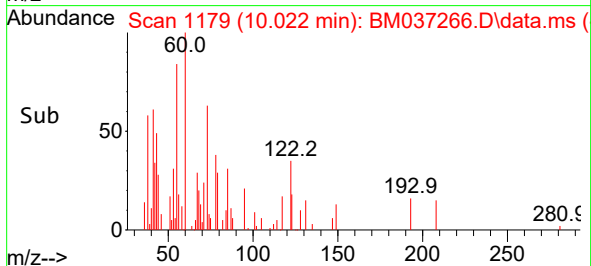
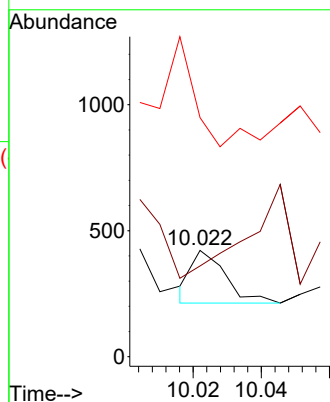
Tgt Ion:122 Resp: 144

Ion Ratio Lower Upper

122 100

105 85.3 100.1 140.1#

77 224.9 71.7 111.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1941

Delta R.T. -0.006 min

Lab File: BM037266.D

Acq: 29 Oct 2022 12:18

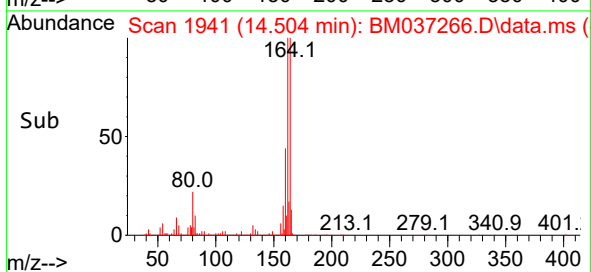
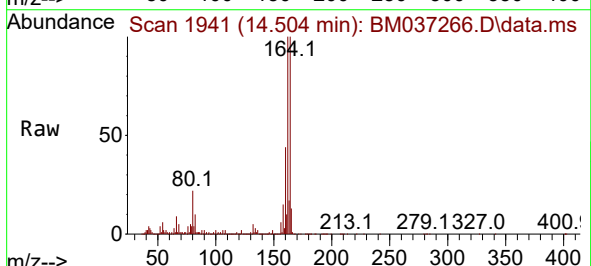
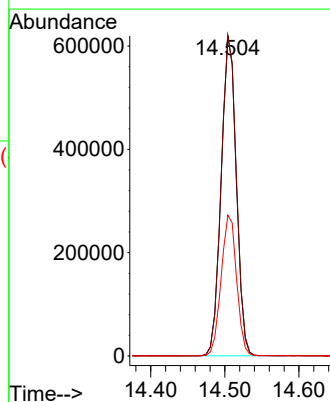
Tgt Ion:164 Resp: 877291

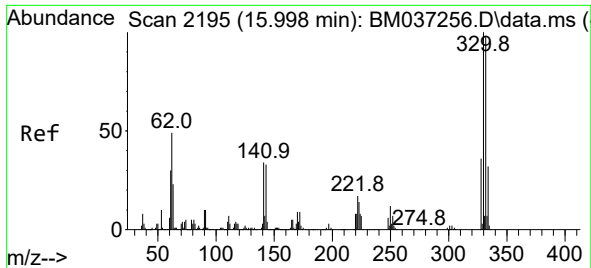
Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

160 44.0 36.2 54.4

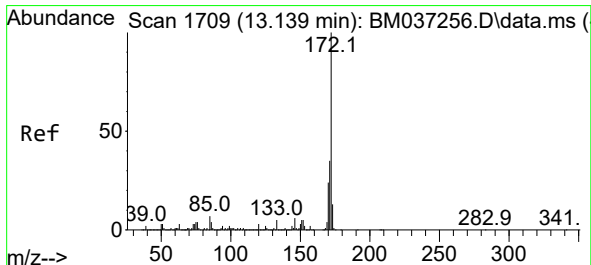
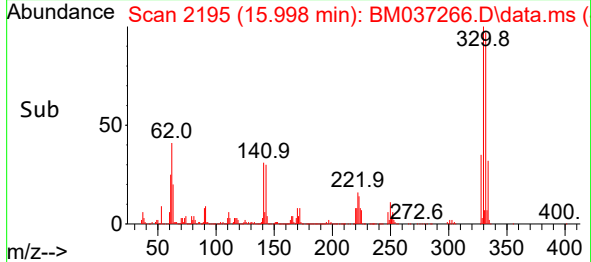
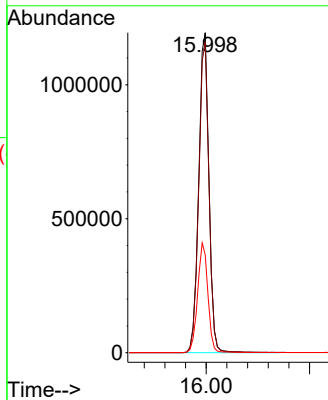
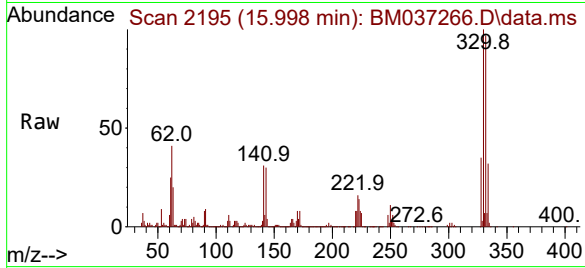




#42
2,4,6-Tribromophenol
Concen: 158.600 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM037266.D
Acq: 29 Oct 2022 12:18

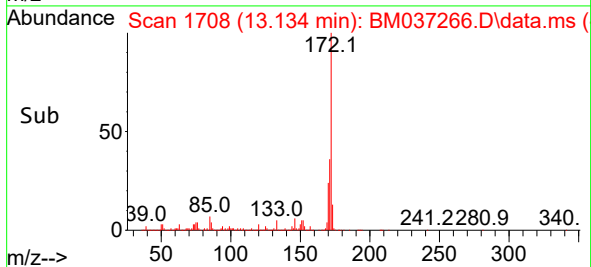
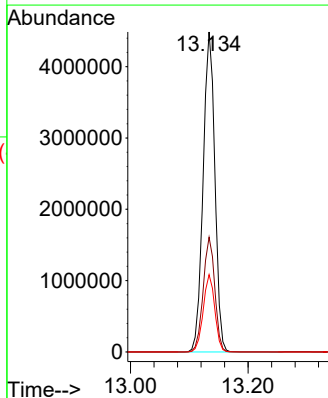
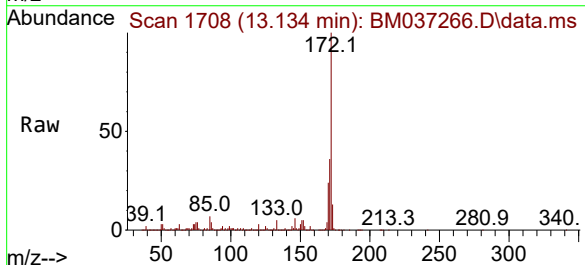
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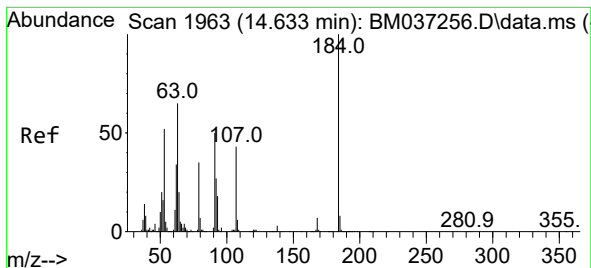
Tgt Ion:330 Resp: 1639704
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 34.3 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 94.780 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.005 min
Lab File: BM037266.D
Acq: 29 Oct 2022 12:18

Tgt Ion:172 Resp: 6257986
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 24.1 19.0 28.4

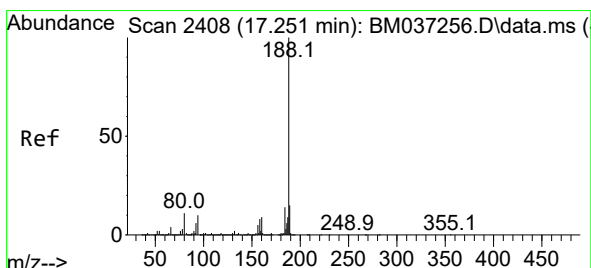
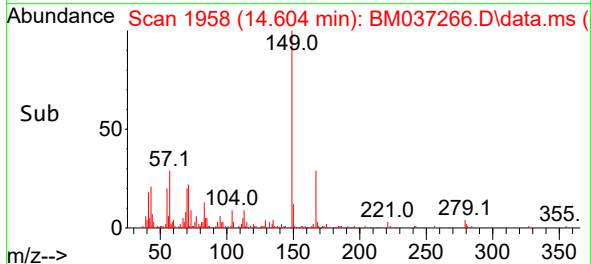
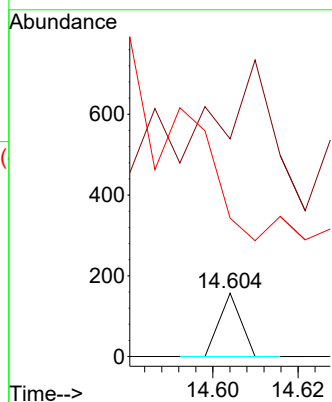
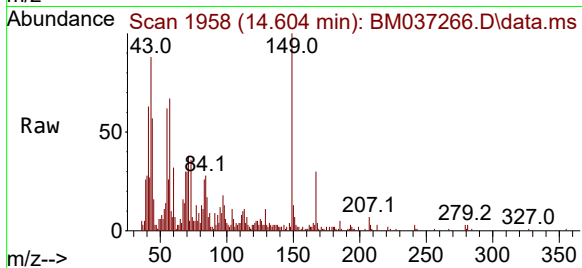




#54
2,4-Dinitrophenol
Concen: 6.451 ng
RT: 14.604 min Scan# 1963
Delta R.T. -0.029 min
Lab File: BM037266.D
Acq: 29 Oct 2022 12:18

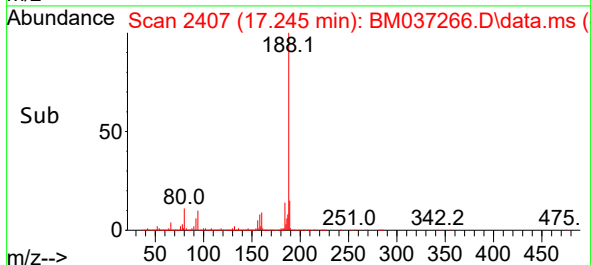
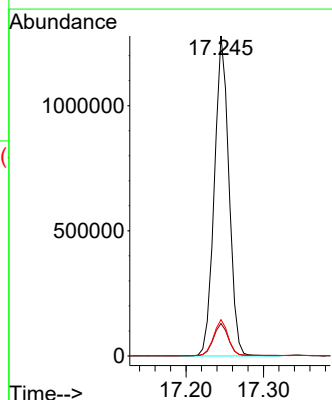
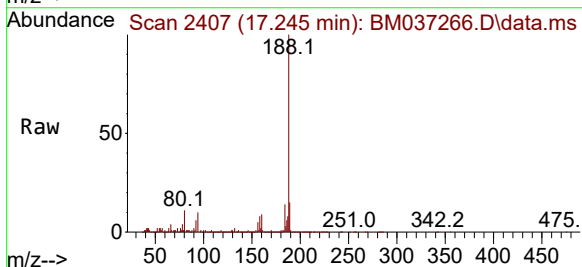
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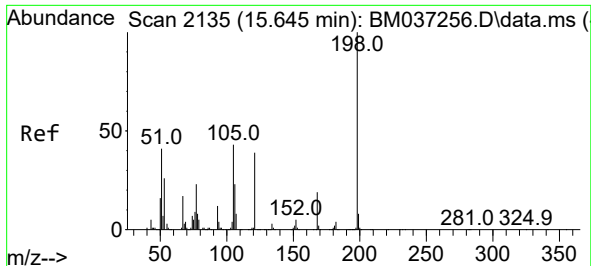
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 343.3 57.7 86.5#
154 218.5 48.3 72.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM037266.D
Acq: 29 Oct 2022 12:18

Tgt Ion:188 Resp: 1673989
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.3 8.5 12.7

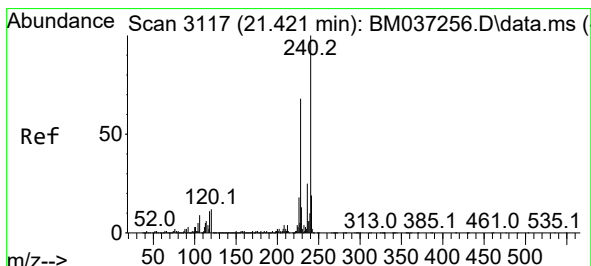
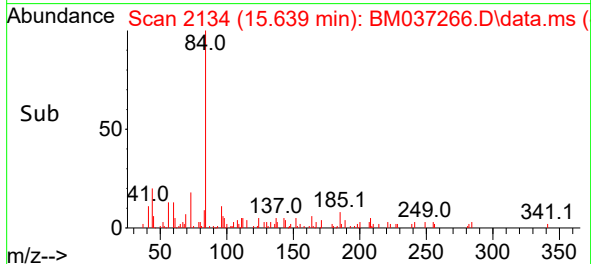
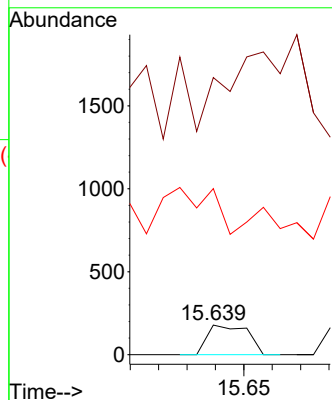
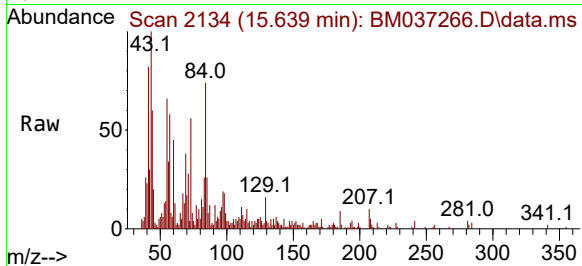




#65
4,6-Dinitro-2-methylphenol
Concen: 5.027 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM037266.D
Acq: 29 Oct 2022 12:18

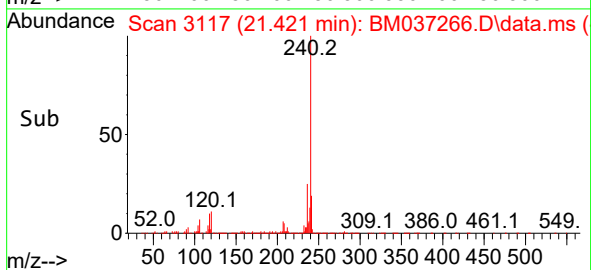
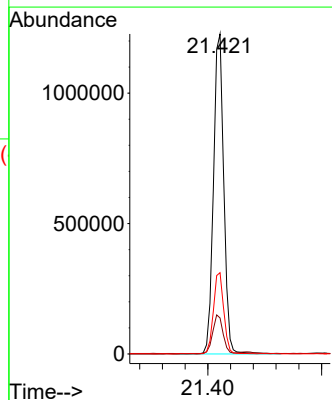
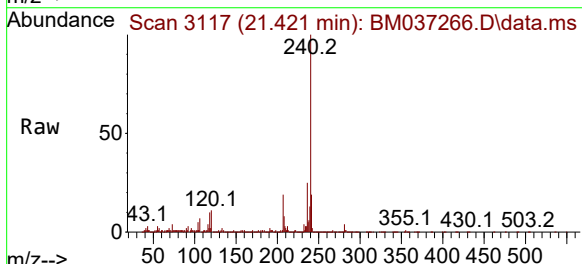
Instrument :
BNA_M
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20221095-200-SITE-WATER

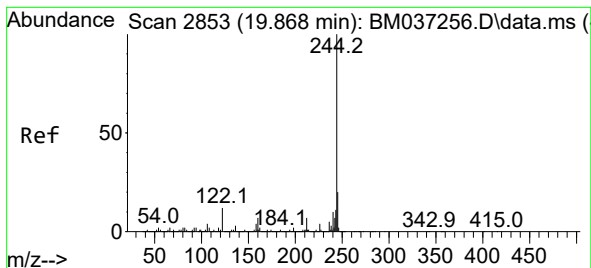
Tgt Ion:198 Resp: 174
Ion Ratio Lower Upper
198 100
51 938.8 26.8 66.8#
105 562.4 24.1 64.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM037266.D
Acq: 29 Oct 2022 12:18

Tgt Ion:240 Resp: 1535689
Ion Ratio Lower Upper
240 100
120 11.3 9.9 14.9
236 25.4 20.3 30.5





#79

Terphenyl-d14

Concen: 94.479 ng

RT: 19.868 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM037266.D

Acq: 29 Oct 2022 12:18

Instrument :

BNA_M

ClientSampleId :

20221095-200-SITE-WATER

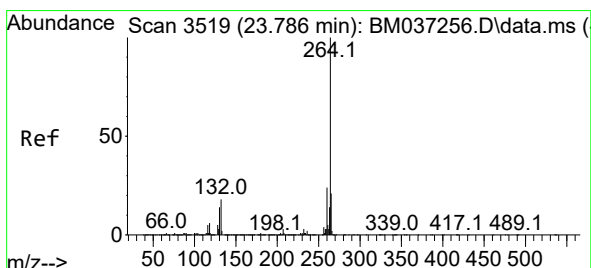
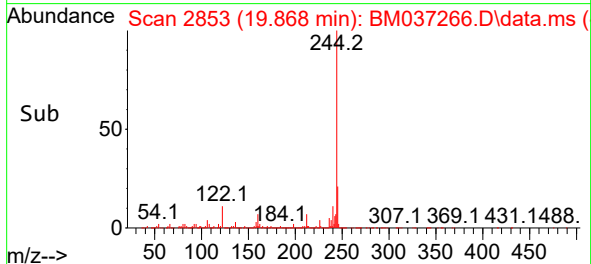
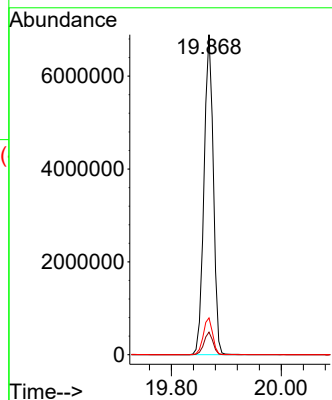
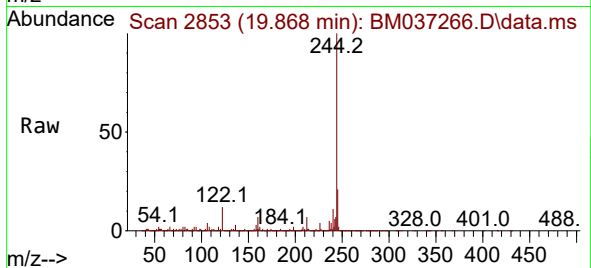
Tgt Ion:244 Resp: 8090835

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.5 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM037266.D

Acq: 29 Oct 2022 12:18

Tgt Ion:264 Resp: 1657279

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.4 17.7 26.5

