

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037269.D
 Acq On : 29 Oct 2022 14:05
 Operator : CG/JU
 Sample : N5266-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20221099-204-SITE-WATER

Quant Time: Oct 31 02:05:41 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)

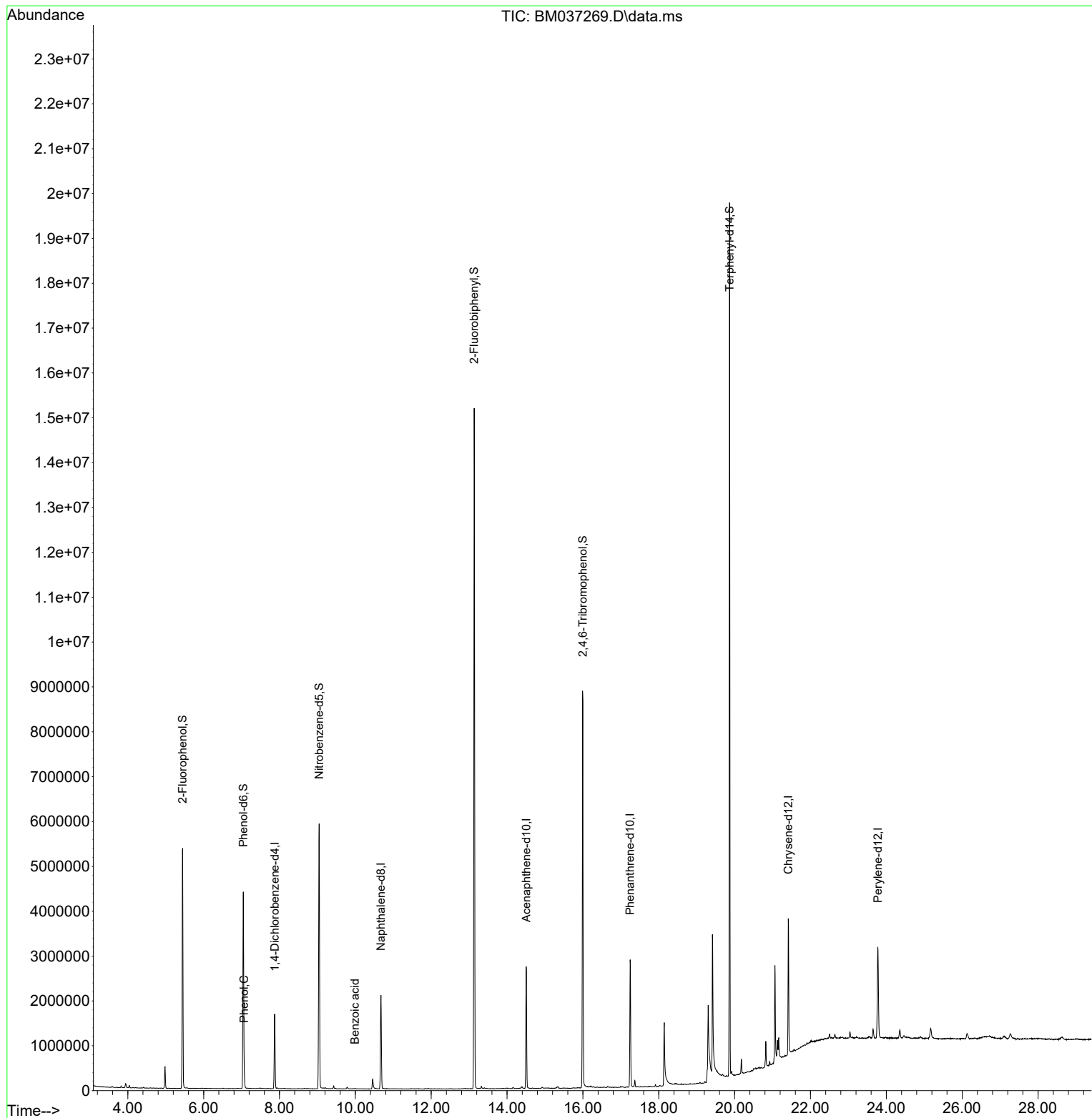
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	447312	20.000	ng	0.00
21) Naphthalene-d8	10.674	136	1708676	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	922407	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1674947	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1383485	20.000	ng	0.00
86) Perylene-d12	23.774	264	1488110	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2291116	88.489	ng	0.00
7) Phenol-d6	7.045	99	2396180	68.189	ng	0.00
23) Nitrobenzene-d5	9.045	82	3321054	98.062	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1639160	150.793	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	7299225	105.143	ng	0.00
79) Terphenyl-d14	19.868	244	8445636	109.472	ng	0.00
Target Compounds						
10) Phenol	7.069	94	103401	2.626	ng	92
32) Benzoic acid	9.992	122	391	6.994	ng	# 1

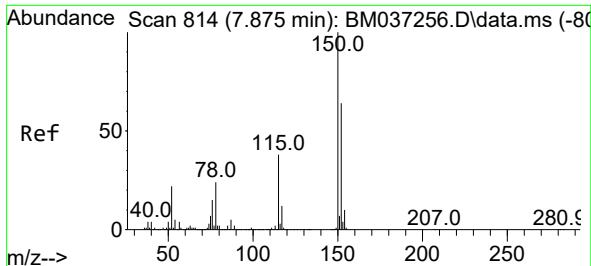
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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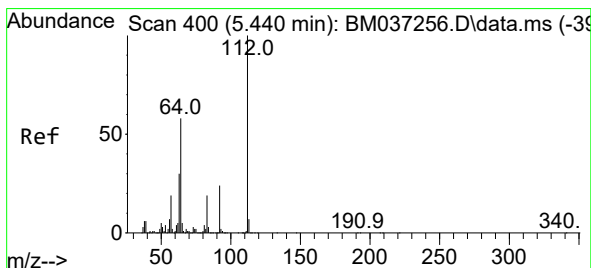
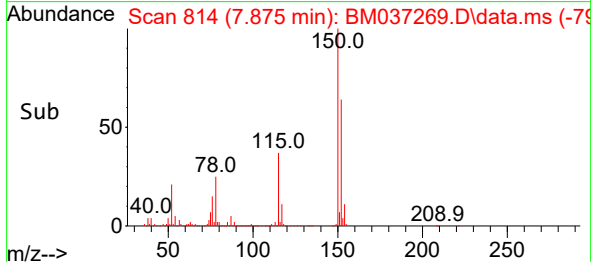
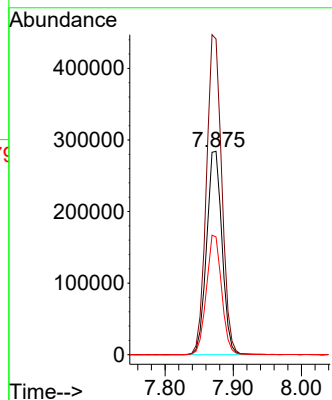
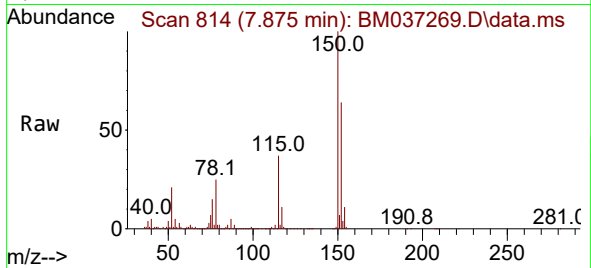




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM037269.D
Acq: 29 Oct 2022 14:05

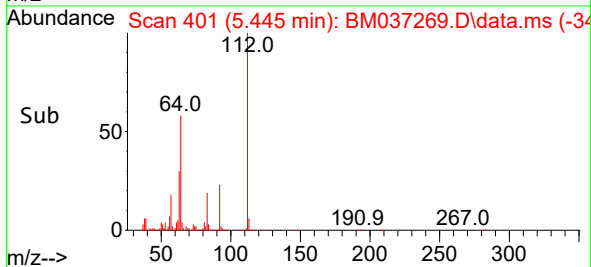
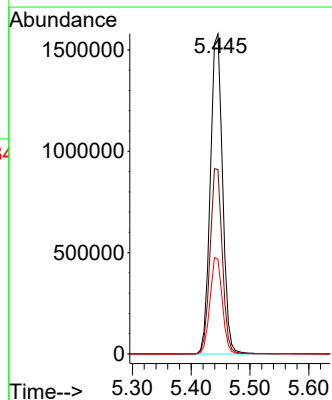
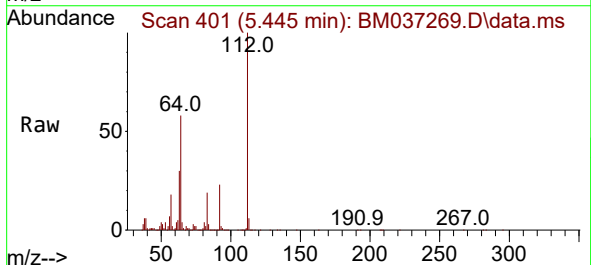
Instrument :
BNA_M
ClientSampleId :
20221099-204-SITE-WATER

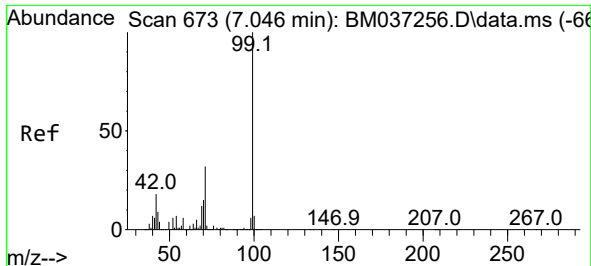
Tgt Ion:152 Resp: 447312
Ion Ratio Lower Upper
152 100
150 155.3 124.8 187.2
115 57.9 47.0 70.4



#5
2-Fluorophenol
Concen: 88.489 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.005 min
Lab File: BM037269.D
Acq: 29 Oct 2022 14:05

Tgt Ion:112 Resp: 2291116
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 29.6 24.4 36.6

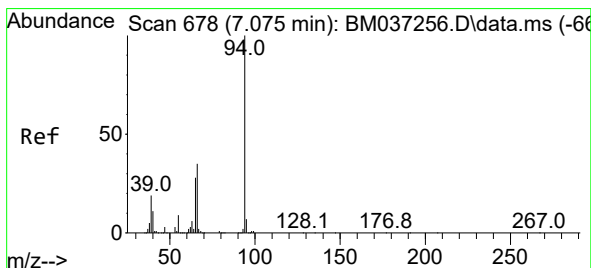
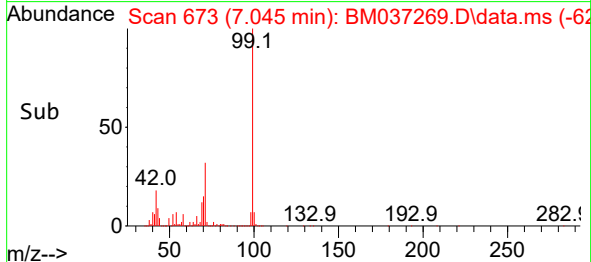
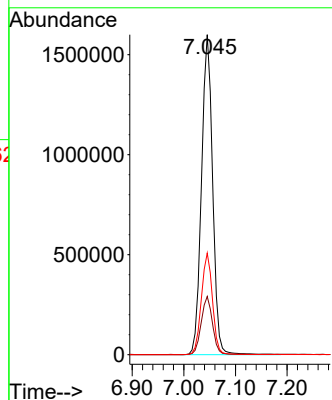
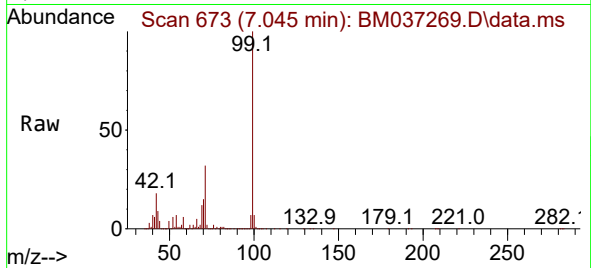




#7
Phenol-d6
Concen: 68.189 ng
RT: 7.045 min Scan# 61
Delta R.T. -0.001 min
Lab File: BM037269.D
Acq: 29 Oct 2022 14:05

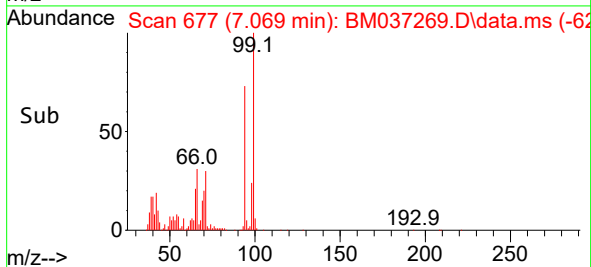
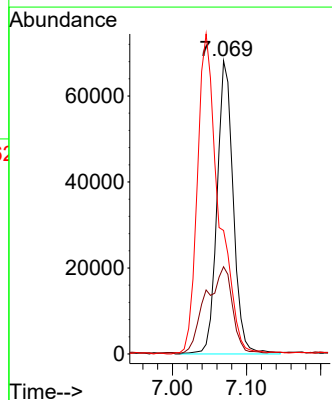
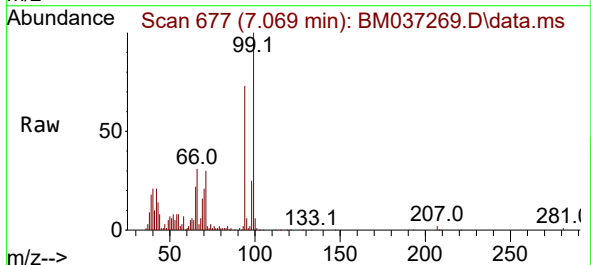
Instrument :
BNA_M
ClientSampleId :
20221099-204-SITE-WATER

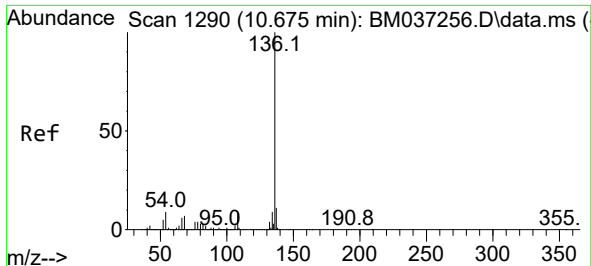
Tgt Ion: 99 Resp: 2396180
Ion Ratio Lower Upper
99 100
42 18.2 14.8 22.2
71 31.7 25.6 38.4



#10
Phenol
Concen: 2.626 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.006 min
Lab File: BM037269.D
Acq: 29 Oct 2022 14:05

Tgt Ion: 94 Resp: 103401
Ion Ratio Lower Upper
94 100
65 29.7 8.1 48.1
66 42.1 15.5 55.5

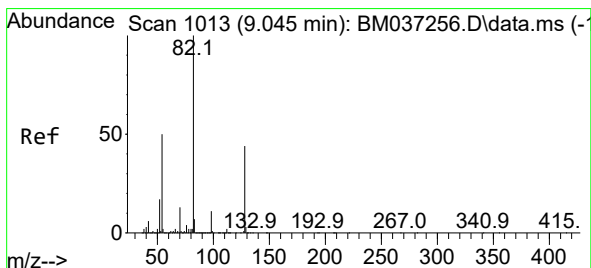
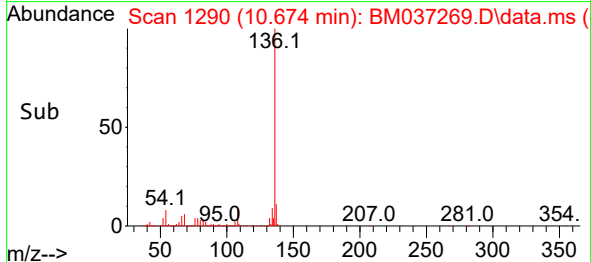
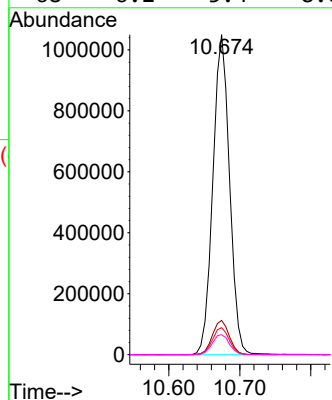
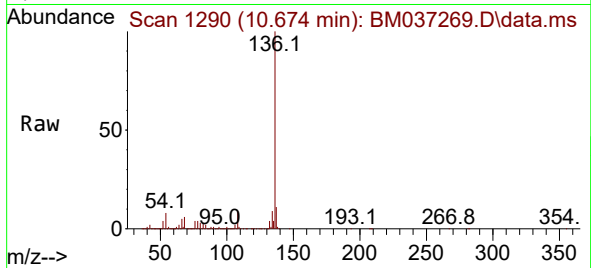




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.674 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BM037269.D
Acq: 29 Oct 2022 14:05

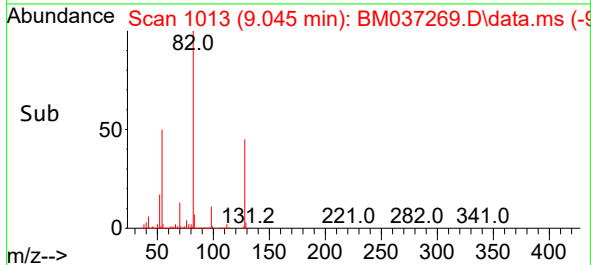
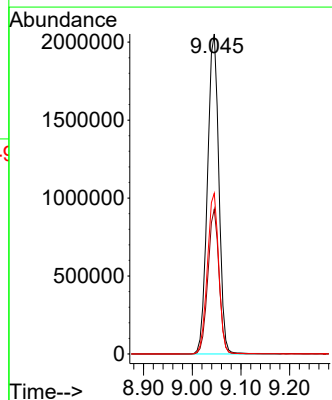
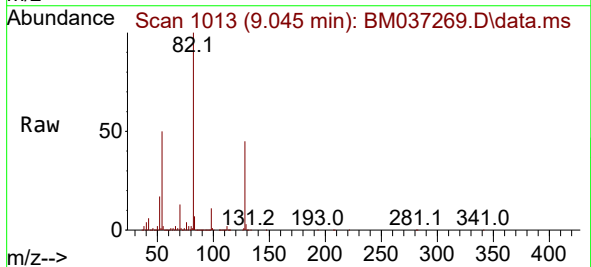
Instrument :
BNA_M
ClientSampleId :
20221099-204-SITE-WATER

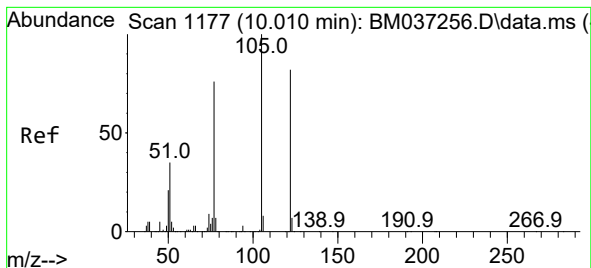
Tgt Ion:136 Resp: 1708676
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.4 7.0 10.4
68 6.2 5.4 8.0



#23
Nitrobenzene-d5
Concen: 98.062 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM037269.D
Acq: 29 Oct 2022 14:05

Tgt Ion: 82 Resp: 3321054
Ion Ratio Lower Upper
82 100
128 45.2 35.2 52.8
54 50.2 40.4 60.6





#32

Benzoic acid

Concen: 6.994 ng

RT: 9.992 min Scan# 1174

Delta R.T. -0.018 min

Lab File: BM037269.D

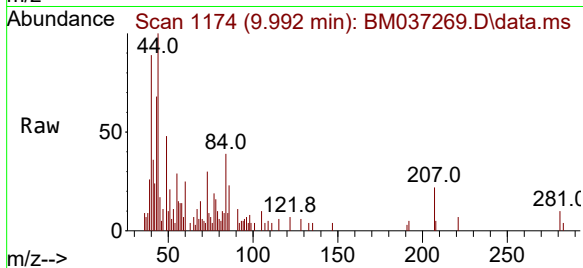
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Instrument :

BNA_M

ClientSampleId :

20221099-204-SITE-WATER



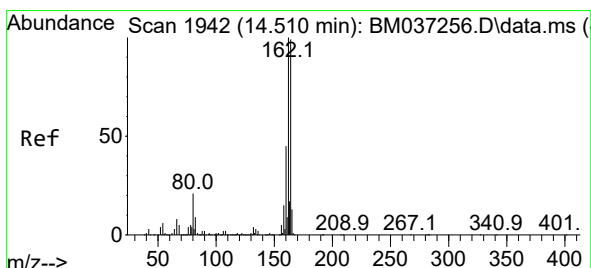
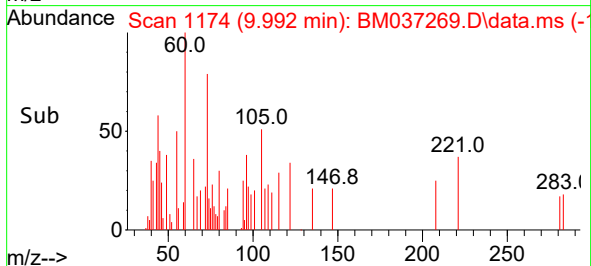
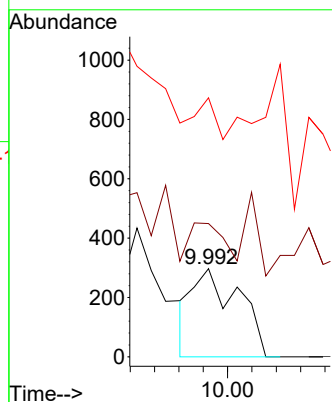
Tgt Ion:122 Resp: 391

Ion Ratio Lower Upper

122 100

105 151.2 100.1 140.1#

77 293.9 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: BM037269.D

Acq: 29 Oct 2022 14:05

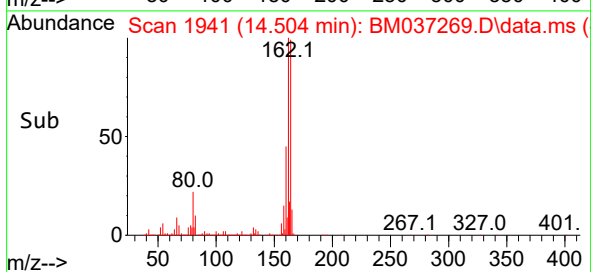
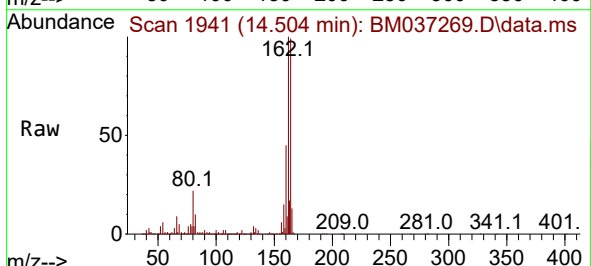
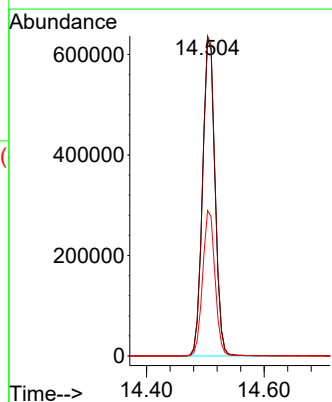
Tgt Ion:164 Resp: 922407

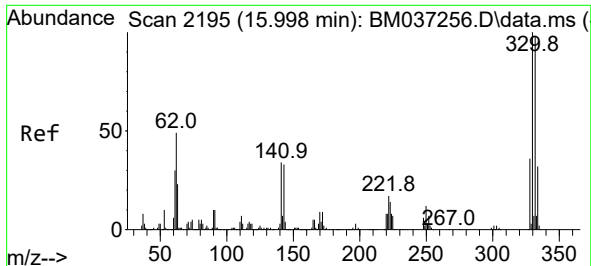
Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

160 45.8 36.2 54.4

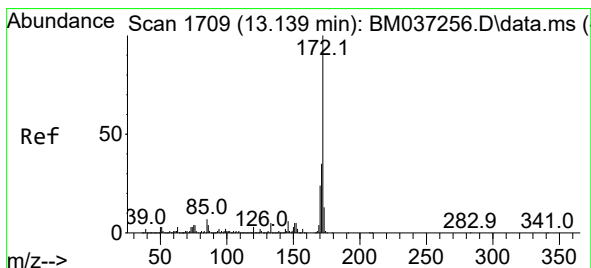
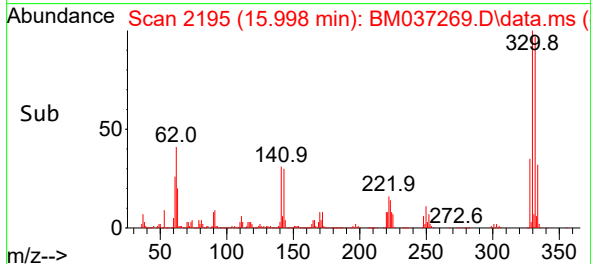
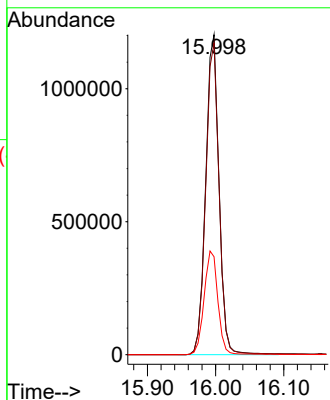
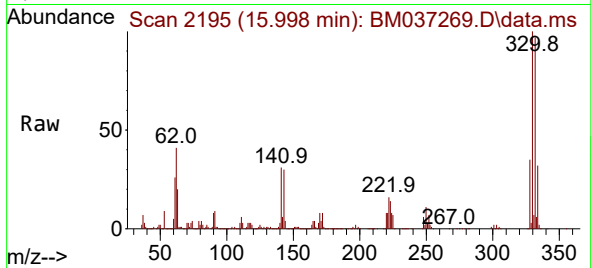




#42
2,4,6-Tribromophenol
Concen: 150.793 ng
RT: 15.998 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM037269.D
Acq: 29 Oct 2022 14:05

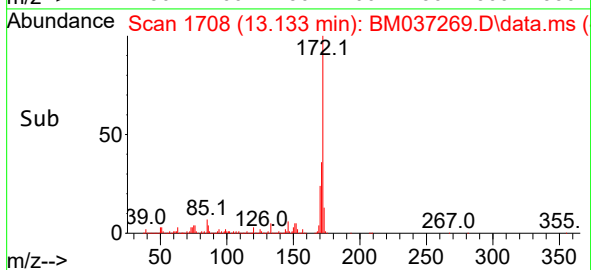
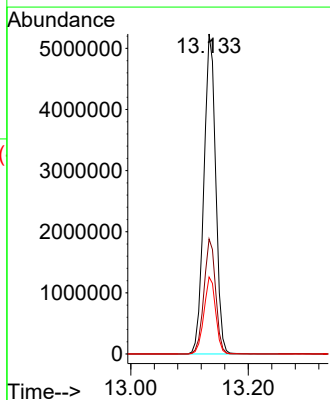
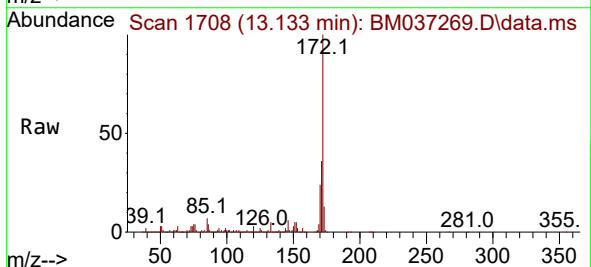
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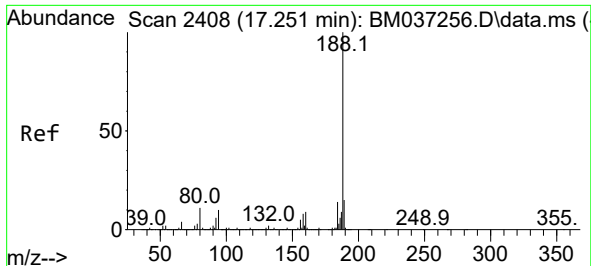
Tgt Ion:330 Resp: 1639160
Ion Ratio Lower Upper
330 100
332 97.7 78.0 117.0
141 33.7 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 105.143 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM037269.D
Acq: 29 Oct 2022 14:05

Tgt Ion:172 Resp: 7299225
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 24.0 19.0 28.4

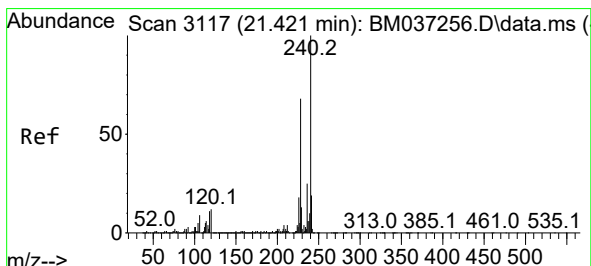
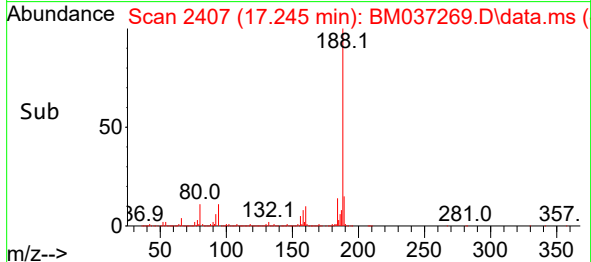
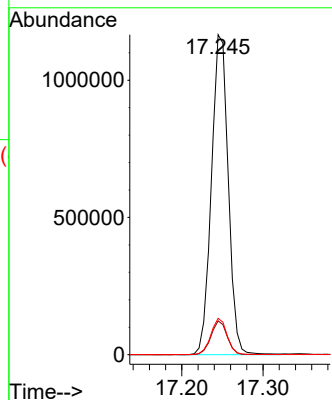
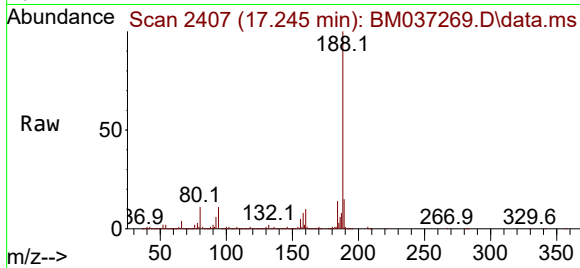




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM037269.D
Acq: 29 Oct 2022 14:05

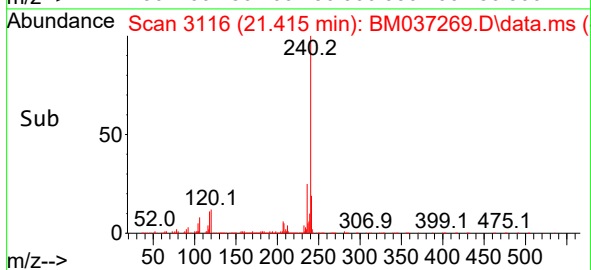
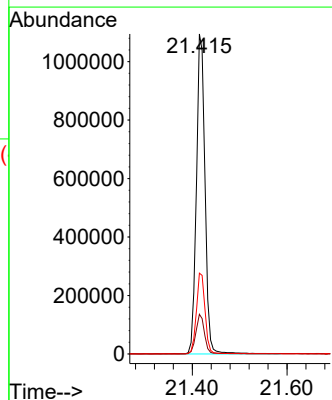
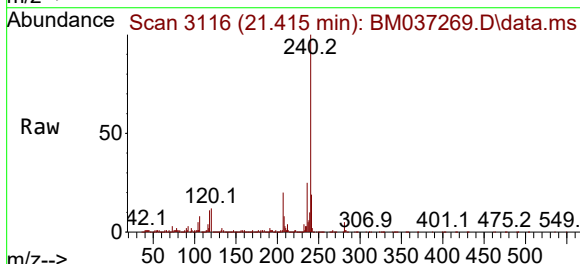
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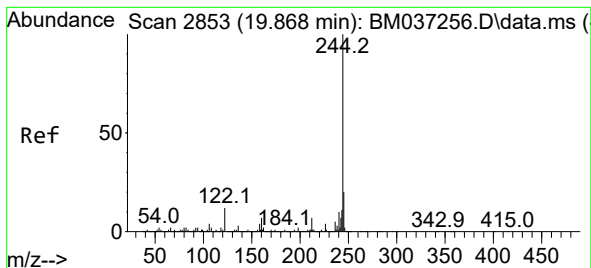
Tgt Ion:188 Resp: 1674947
Ion Ratio Lower Upper
188 100
94 10.5 7.9 11.9
80 11.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM037269.D
Acq: 29 Oct 2022 14:05

Tgt Ion:240 Resp: 1383485
Ion Ratio Lower Upper
240 100
120 12.4 9.9 14.9
236 25.3 20.3 30.5





#79

Terphenyl-d14

Concen: 109.472 ng

RT: 19.868 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037269.D

Acq: 29 Oct 2022 14:05

Instrument :

BNA_M

ClientSampleId :

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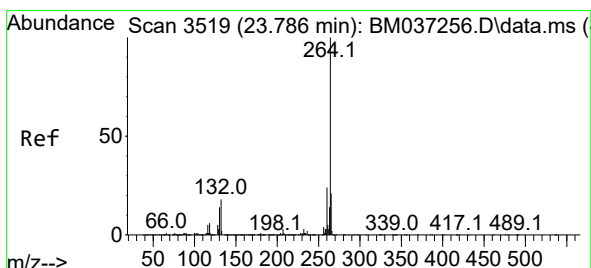
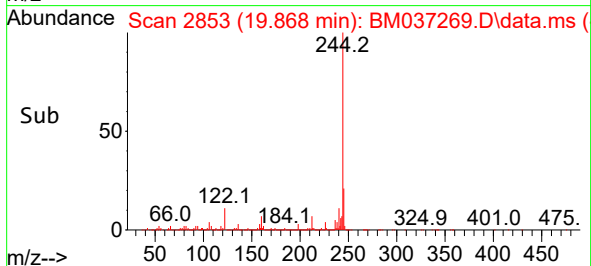
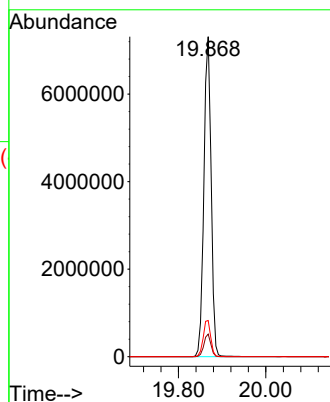
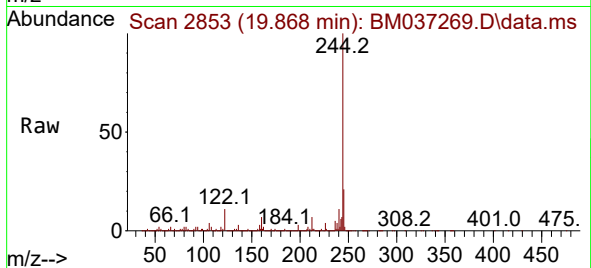
Tgt Ion:244 Resp: 8445636

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.3 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3517

Delta R.T. -0.012 min

Lab File: BM037269.D

Acq: 29 Oct 2022 14:05

Tgt Ion:264 Resp: 1488110

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 22.2 17.7 26.5

