

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033524.D
 Acq On : 18 Dec 2021 18:14
 Operator : CG/JU
 Sample : M5114-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HS-OILY-WATER

Quant Time: Dec 20 07:08:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	29309	20.000	ng	-0.01
21) Naphthalene-d8	10.742	136	123361	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	93168	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	215184	20.000	ng	#-0.01
76) Chrysene-d12	21.500	240	211610	20.000	ng	#-0.01
86) Perylene-d12	23.912	264	190131	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.495	112	142744	84.039	ng	0.00
7) Phenol-d6	7.101	99	117868	51.709	ng	-0.01
23) Nitrobenzene-d5	9.101	82	318107	110.722	ng	-0.01
42) 2,4,6-Tribromophenol	16.071	330	187405	178.815	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	671413	99.688	ng	-0.01
79) Terphenyl-d14	19.947	244	938004	69.785	ng	0.00

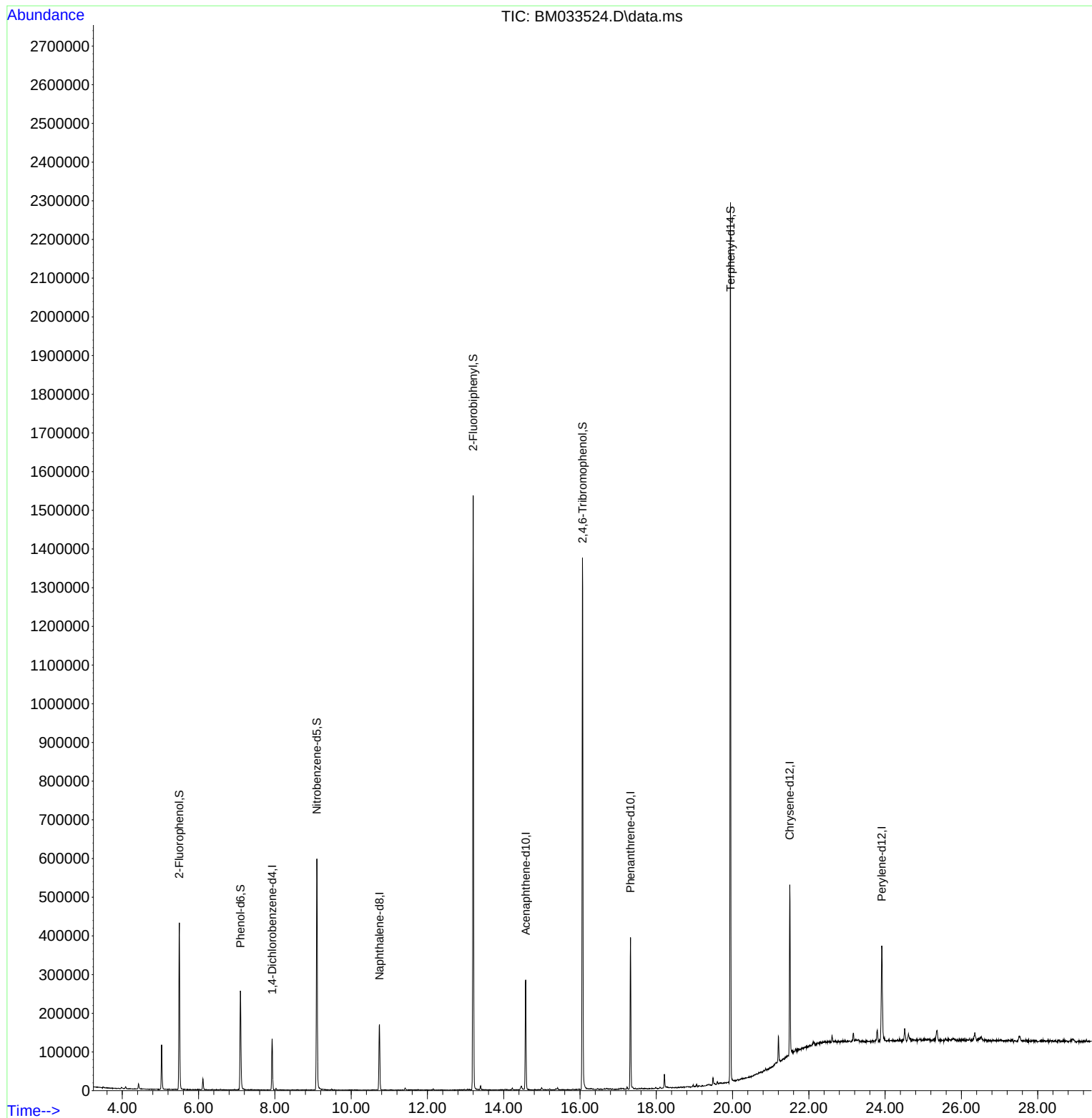
Target Compounds	Qvalue

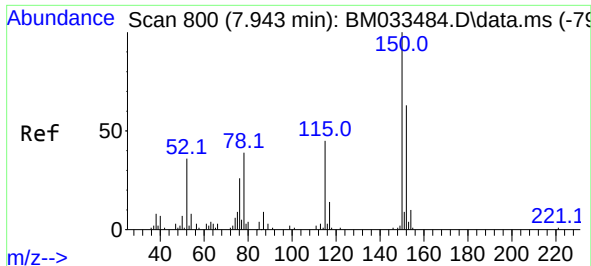
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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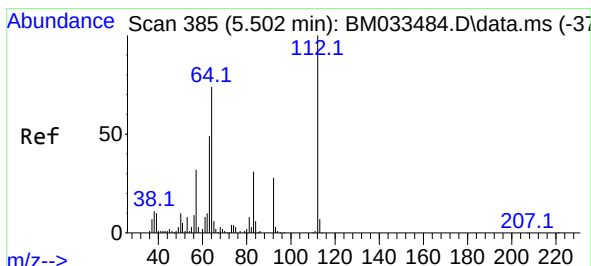
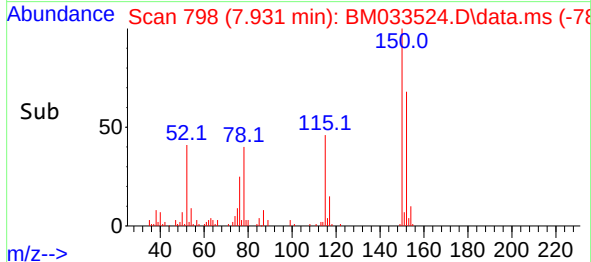
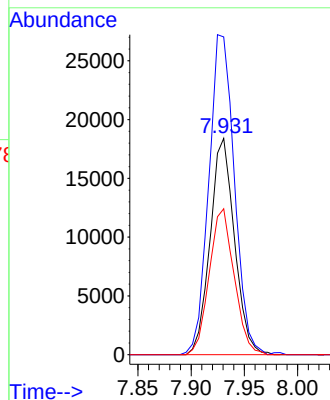
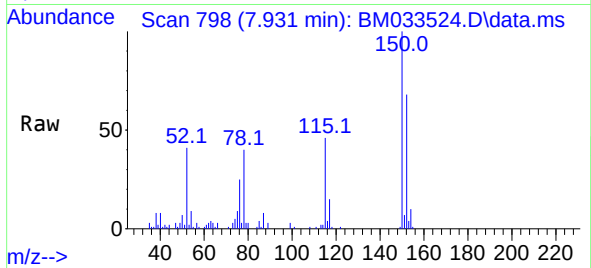




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033524.D
Acq: 18 Dec 2021 18:14

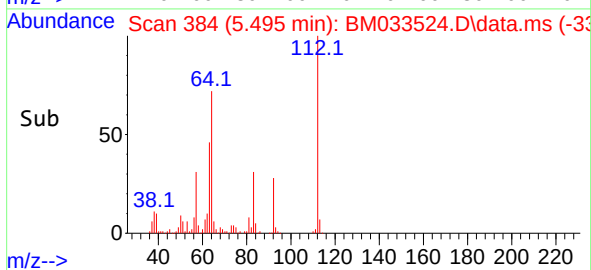
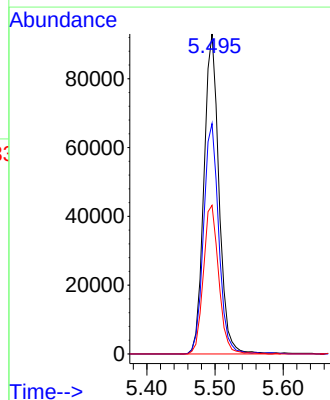
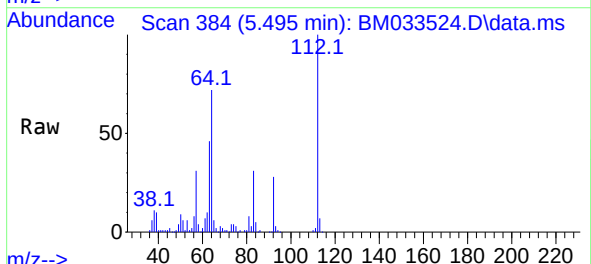
Instrument :
BNA_M
ClientSampleId :
HS-OILY-WATER

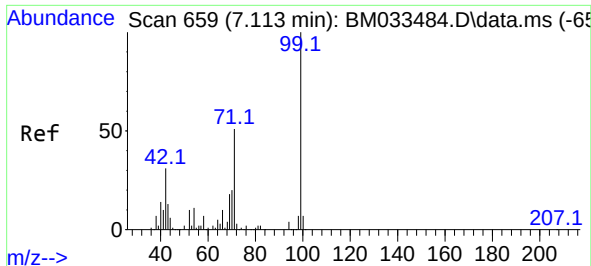
Tgt Ion:152 Resp: 29309
Ion Ratio Lower Upper
152 100
150 146.9 128.9 193.3
115 67.5 53.0 79.6



#5
2-Fluorophenol
Concen: 84.039 ng
RT: 5.495 min Scan# 384
Delta R.T. -0.007 min
Lab File: BM033524.D
Acq: 18 Dec 2021 18:14

Tgt Ion:112 Resp: 142744
Ion Ratio Lower Upper
112 100
64 72.0 55.5 83.3
63 46.5 31.3 46.9

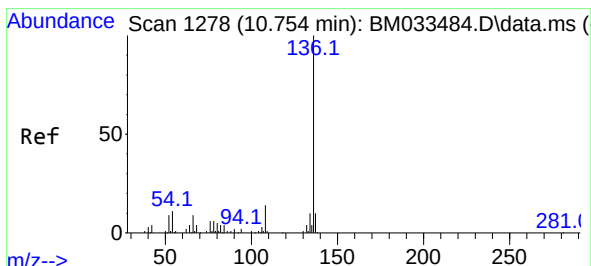
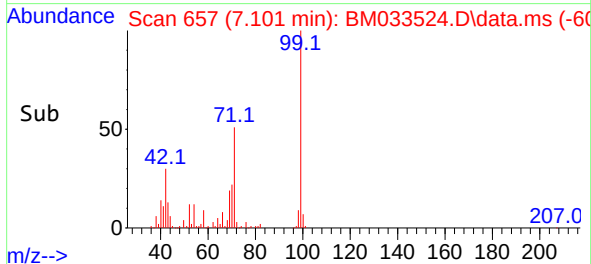
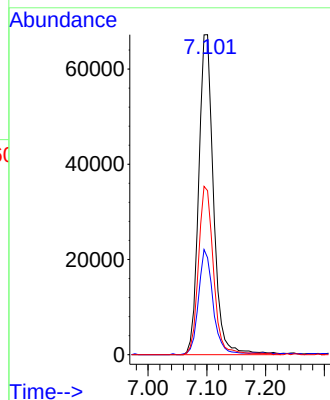
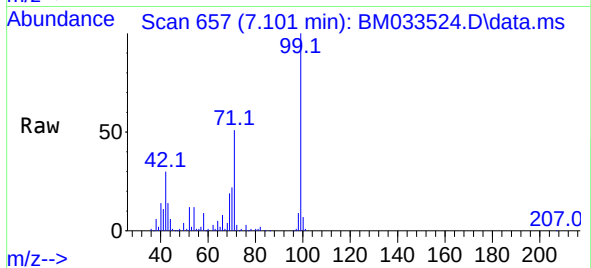




#7
Phenol-d6
Concen: 51.709 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033524.D
Acq: 18 Dec 2021 18:14

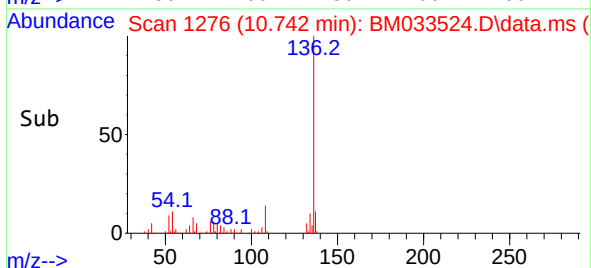
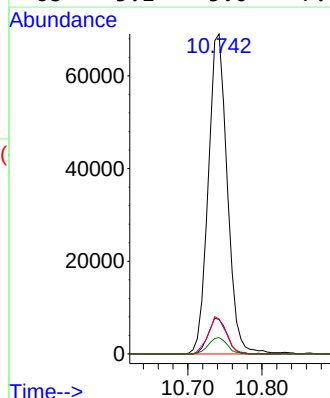
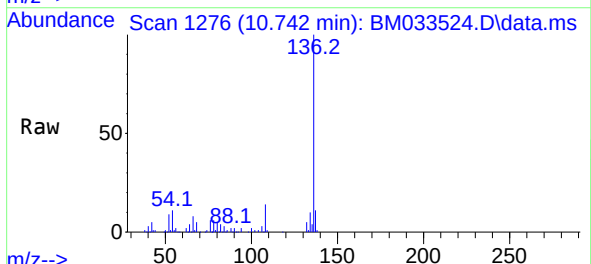
Instrument :
BNA_M
ClientSampleId :
HS-OILY-WATER

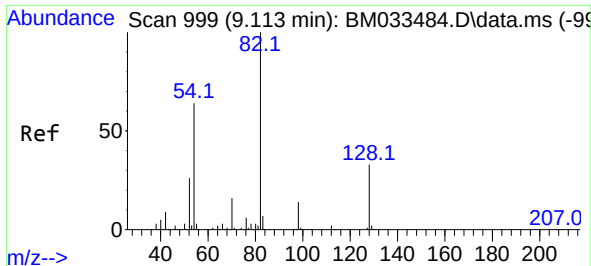
Tgt Ion: 99 Resp: 117868
Ion Ratio Lower Upper
99 100
42 30.3 20.3 30.5
71 51.2 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BM033524.D
Acq: 18 Dec 2021 18:14

Tgt Ion: 136 Resp: 123361
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 11.0 8.3 12.5
68 5.1 5.0 7.6

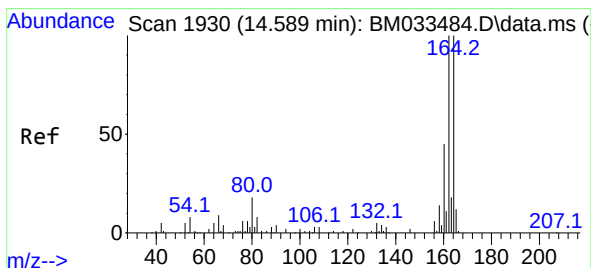
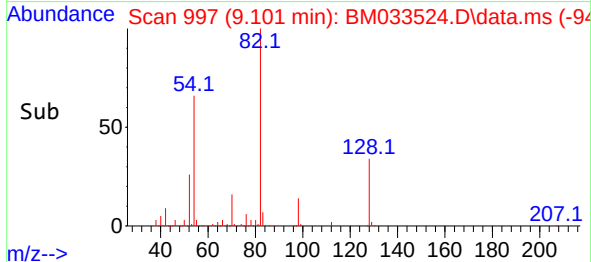
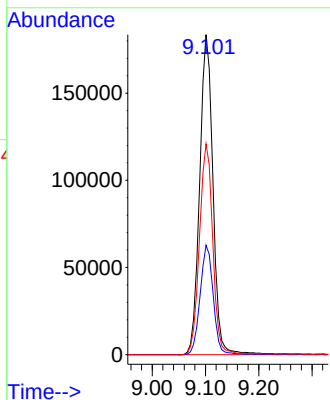
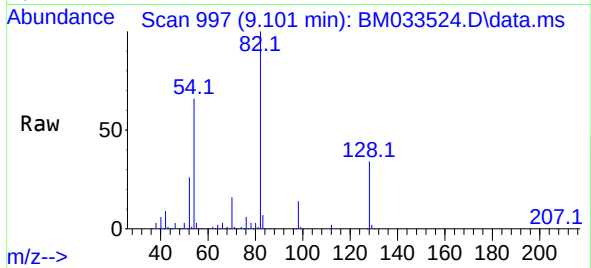




#23
Nitrobenzene-d5
Concen: 110.722 ng
RT: 9.101 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM033524.D
Acq: 18 Dec 2021 18:14

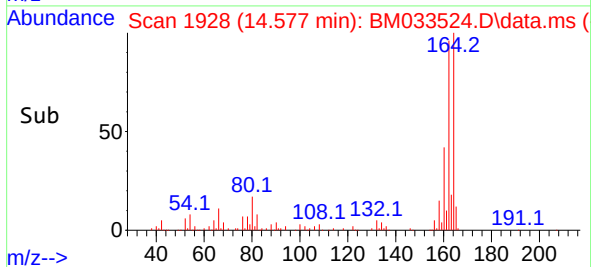
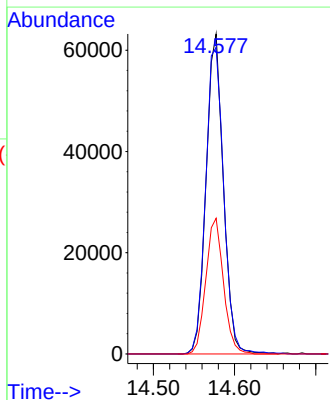
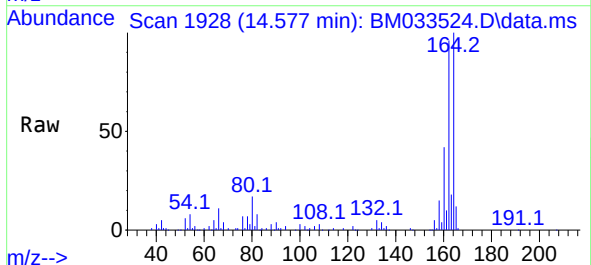
Instrument :
BNA_M
ClientSampleId :
HS-OILY-WATER

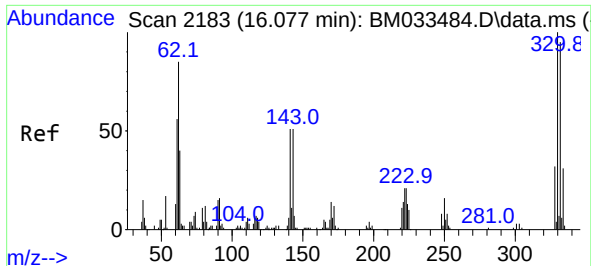
Tgt Ion: 82 Resp: 318107
Ion Ratio Lower Upper
82 100
128 34.2 28.1 42.1
54 65.9 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM033524.D
Acq: 18 Dec 2021 18:14

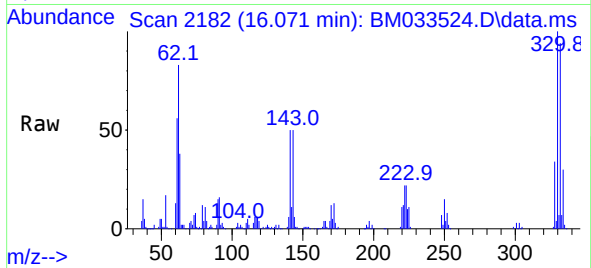
Tgt Ion: 164 Resp: 93168
Ion Ratio Lower Upper
164 100
162 95.8 79.7 119.5
160 42.4 34.2 51.4



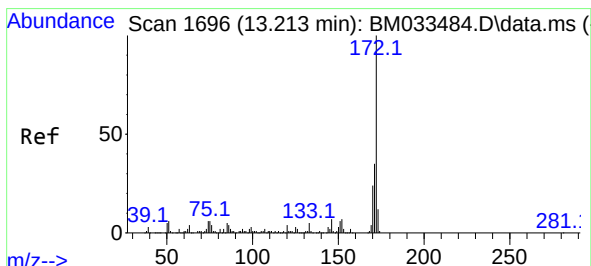
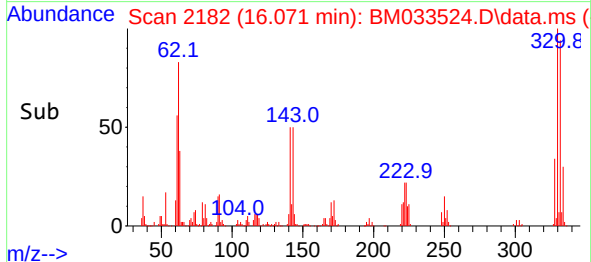
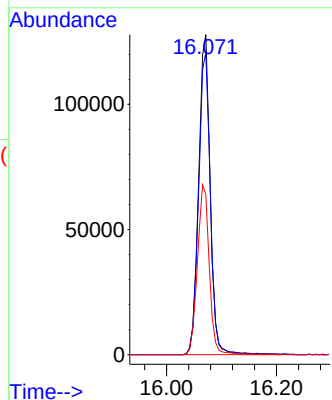


#42
2,4,6-Tribromophenol
Concen: 178.815 ng
RT: 16.071 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM033524.D
Acq: 18 Dec 2021 18:14

Instrument :
BNA_M
ClientSampleId :
HS-OILY-WATER

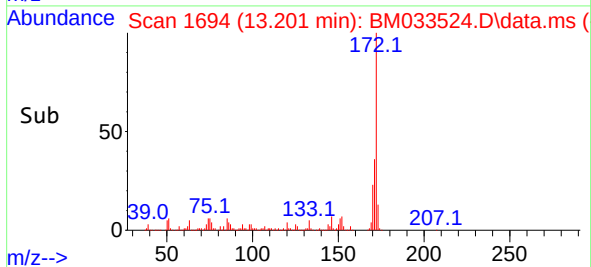
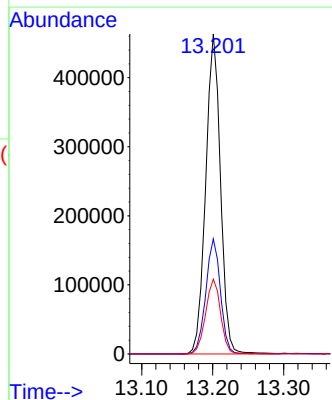
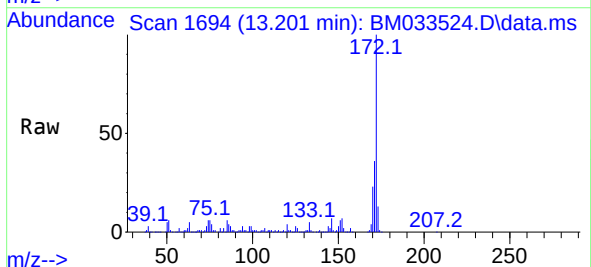


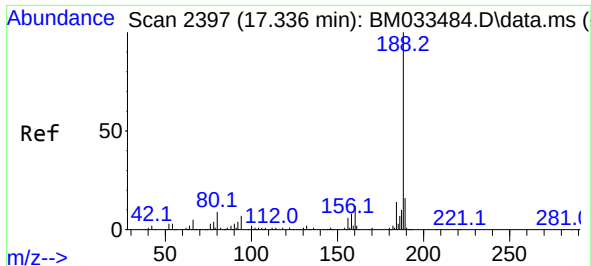
Tgt Ion:330 Resp: 187405
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 54.1 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 99.688 ng
RT: 13.201 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM033524.D
Acq: 18 Dec 2021 18:14

Tgt Ion:172 Resp: 671413
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 23.3 18.7 28.1

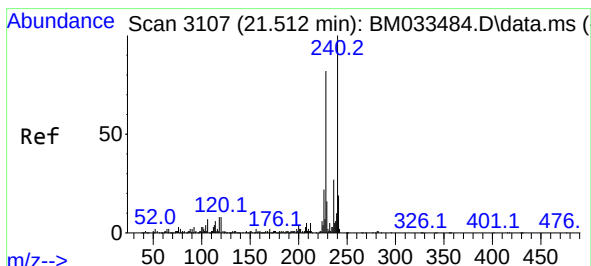
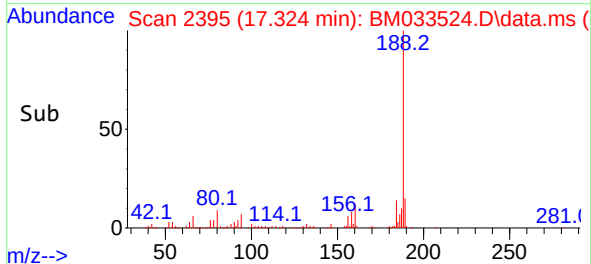
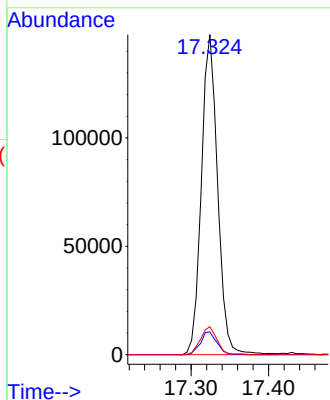
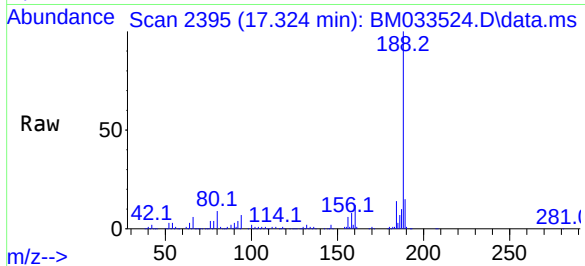




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033524.D
Acq: 18 Dec 2021 18:14

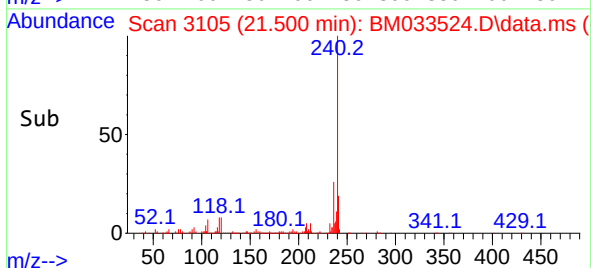
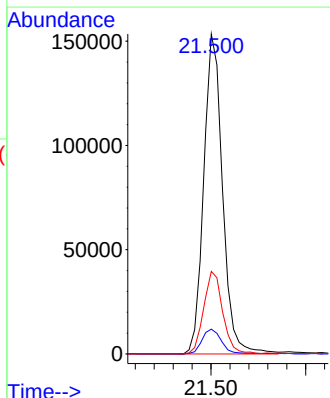
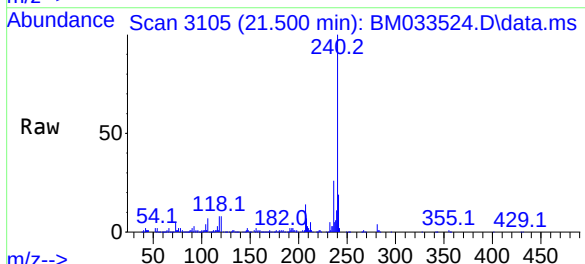
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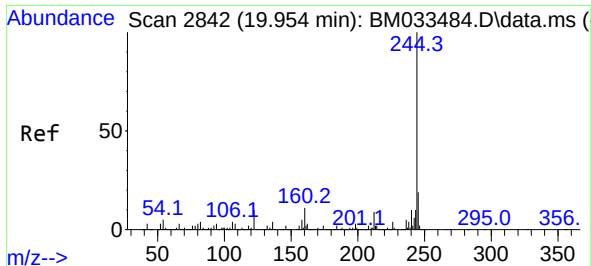
Tgt Ion:188 Resp: 215184
Ion Ratio Lower Upper
188 100
94 7.1 7.5 11.3#
80 8.7 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM033524.D
Acq: 18 Dec 2021 18:14

Tgt Ion:240 Resp: 211610
Ion Ratio Lower Upper
240 100
120 7.7 7.8 11.6#
236 25.8 20.3 30.5

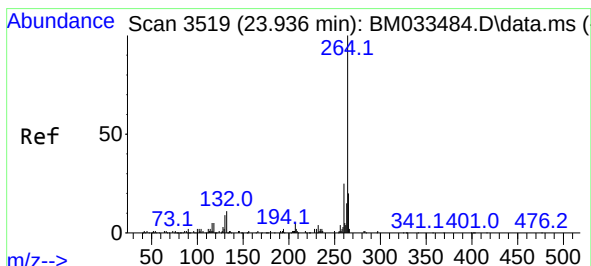
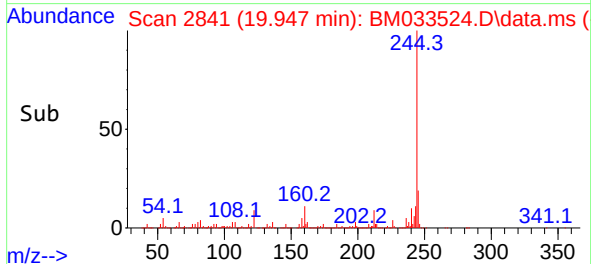
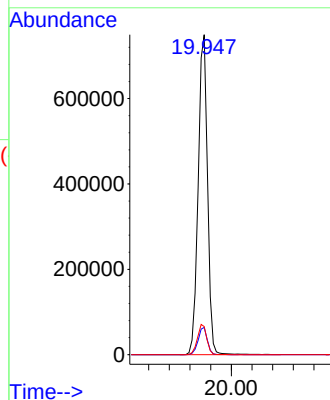
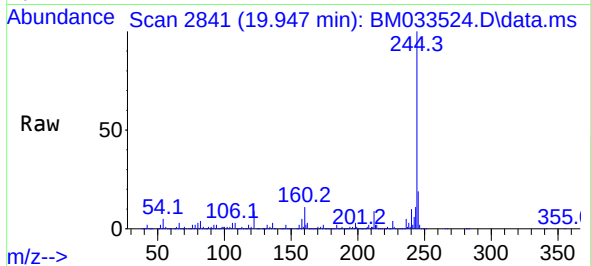




#79
 Terphenyl-d14
 Concen: 69.785 ng
 RT: 19.947 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BM033524.D
 Acq: 18 Dec 2021 18:14

Instrument :
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Tgt Ion:244 Resp: 938004
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.9 8.9
 122 8.8 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.912 min Scan# 3515
 Delta R.T. -0.024 min
 Lab File: BM033524.D
 Acq: 18 Dec 2021 18:14

Tgt Ion:264 Resp: 190131
 Ion Ratio Lower Upper
 264 100
 260 24.7 17.7 26.5
 265 22.2 17.7 26.5

