

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
 Data File : BM034382.D
 Acq On : 25 Mar 2022 13:23
 Operator : CG/JU
 Sample : N2057-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 UST-7-BOTTOM

Quant Time: Mar 26 05:38:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

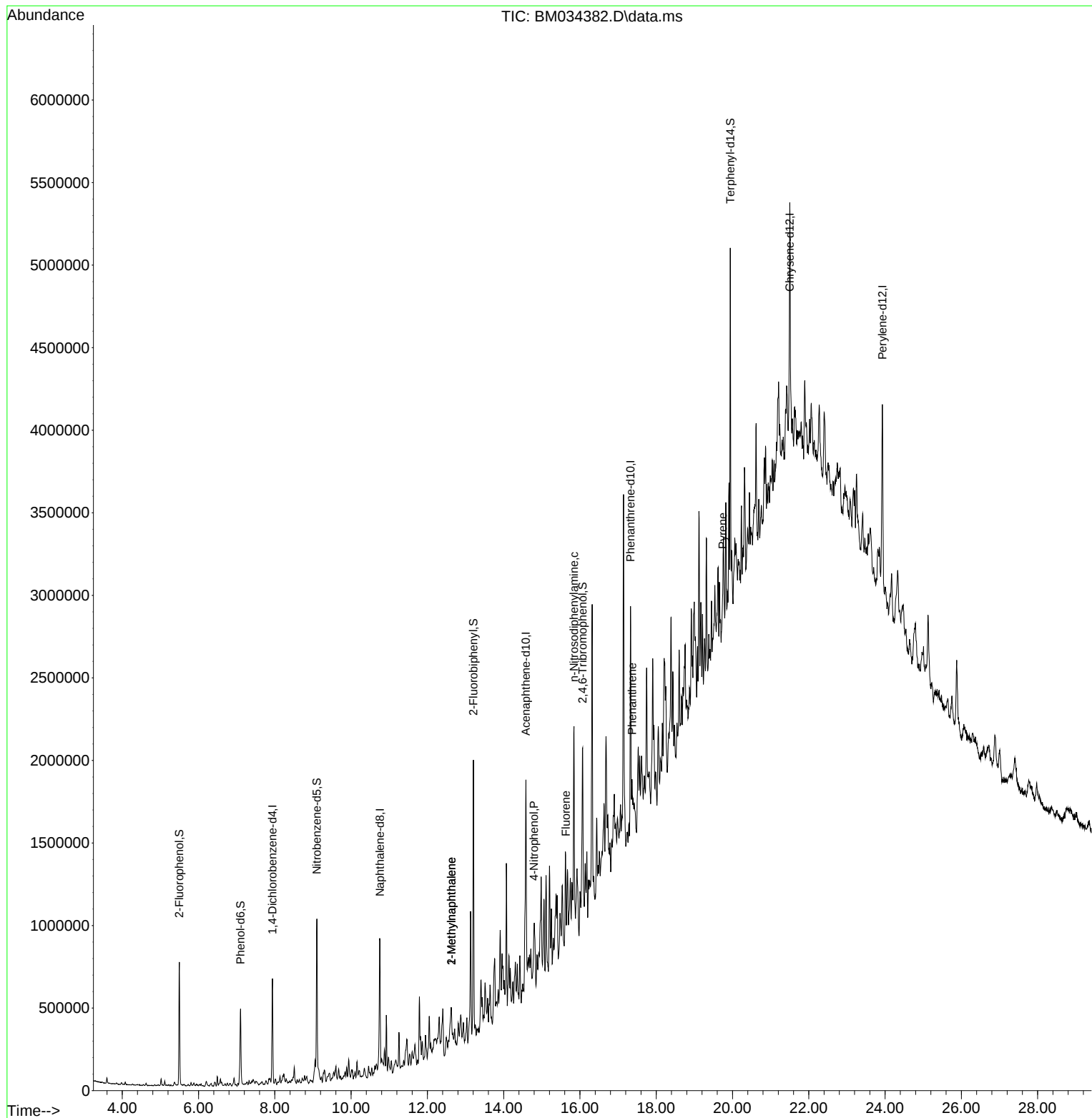
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	150814	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	594598	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	357638	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	681015	20.000	ng	# 0.00
76) Chrysene-d12	21.500	240	677320	20.000	ng	# 0.00
86) Perylene-d12	23.930	264	752939	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	300773	35.778	ng	0.00
7) Phenol-d6	7.101	99	250707	20.829	ng	0.00
23) Nitrobenzene-d5	9.101	82	568462	46.547	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	163542	33.926	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	811417	31.003	ng	0.00
79) Terphenyl-d14	19.942	244	876874	22.495	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.630	142	68690	3.108	ng	91
38) 1-Methylnaphthalene	12.630	142	68690	3.177	ng	# 97
56) 4-Nitrophenol	14.795	139	14395	3.170	ng	# 45
58) Fluorene	15.630	166	68524	2.577	ng	# 90
66) n-Nitrosodiphenylamine	15.842	169	108844	5.031	ng	# 50
71) Phenanthrene	17.365	178	161884	4.245	ng	# 89
78) Pyrene	19.742	202	96737	2.027	ng	# 75

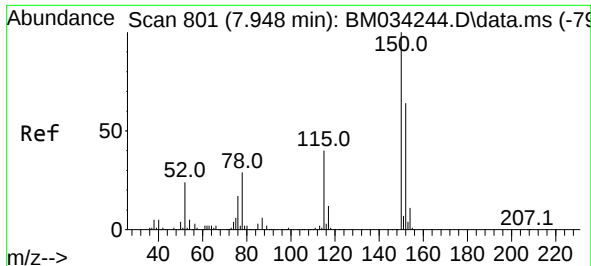
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
Data File : BM034382.D
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Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Time: Mar 26 05:38:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 02:40:59 2022
Response via : Initial Calibration

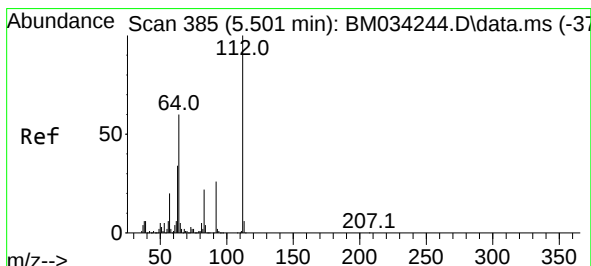
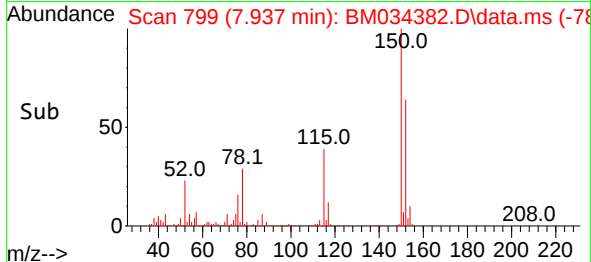
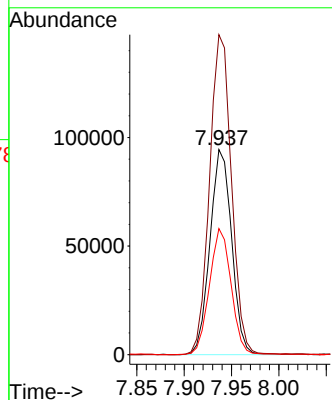
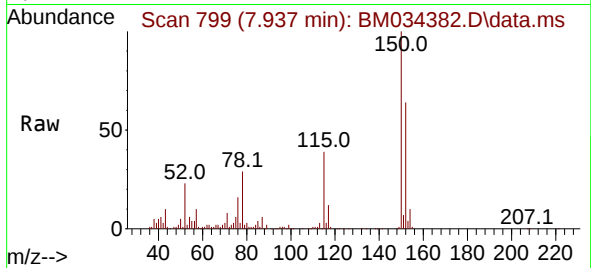




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 794
Delta R.T. -0.005 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

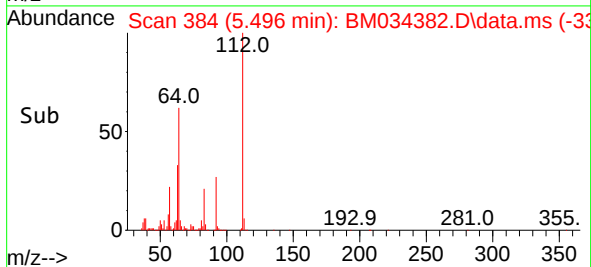
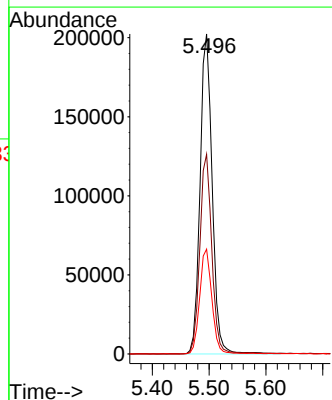
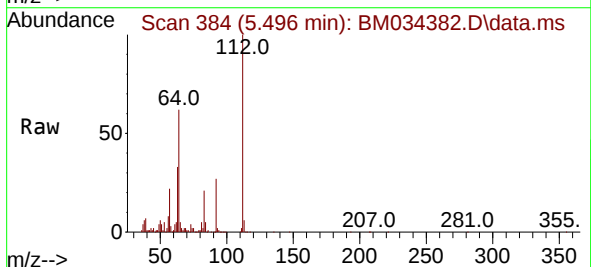
Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Tgt Ion:152 Resp: 150814
Ion Ratio Lower Upper
152 100
150 156.0 125.4 188.2
115 61.5 50.1 75.1



#5
2-Fluorophenol
Concen: 35.778 ng
RT: 5.496 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

Tgt Ion:112 Resp: 300773
Ion Ratio Lower Upper
112 100
64 62.4 47.9 71.9
63 32.8 27.1 40.7

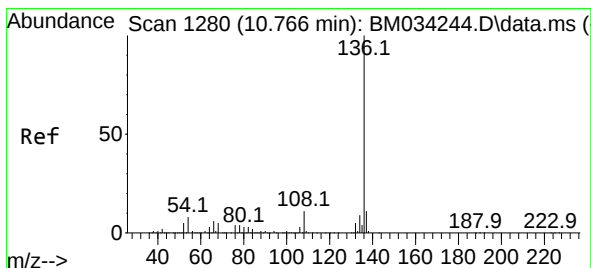
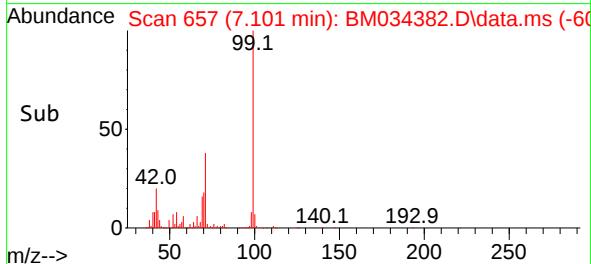
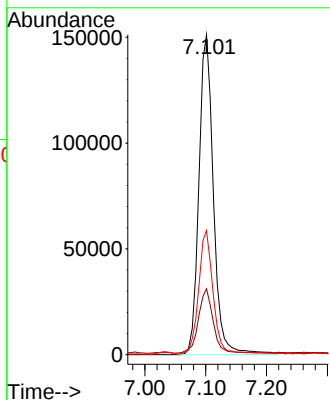
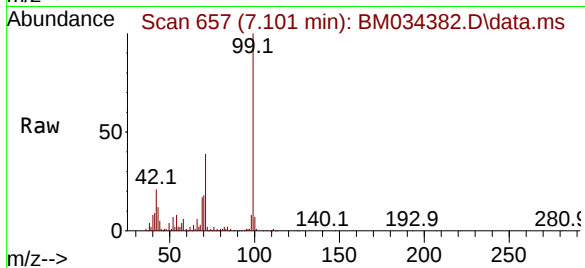




#7
Phenol-d6
Concen: 20.829 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

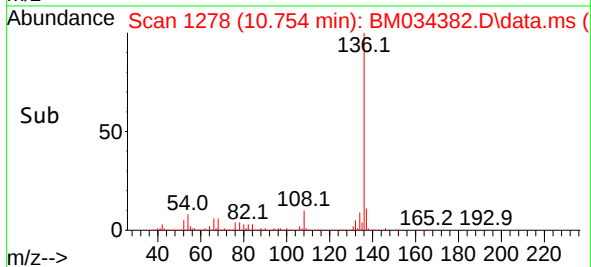
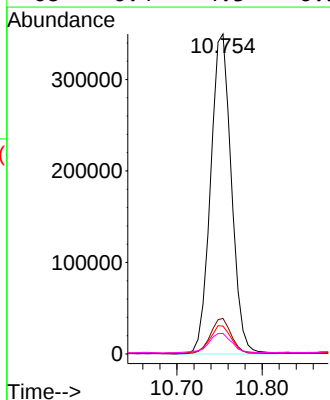
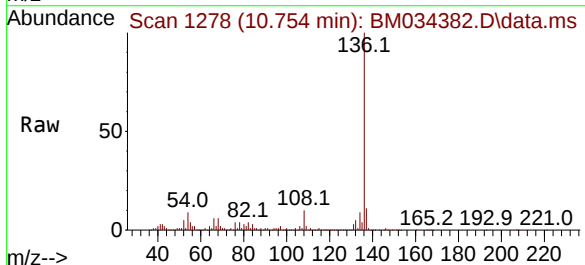
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ClientSampleId :
UST-7-BOTTOM

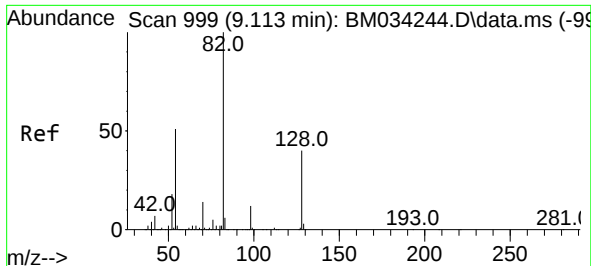
Tgt Ion: 99 Resp: 250707
Ion Ratio Lower Upper
99 100
42 20.6 15.6 23.4
71 38.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

Tgt Ion: 136 Resp: 594598
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.7 6.2 9.4
68 6.4 4.3 6.5

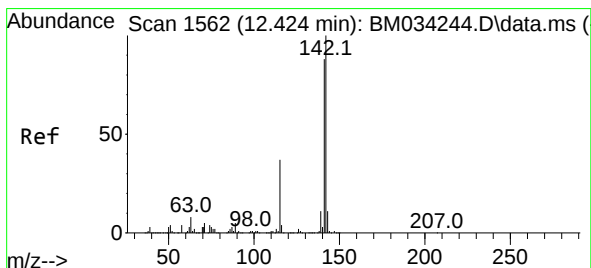
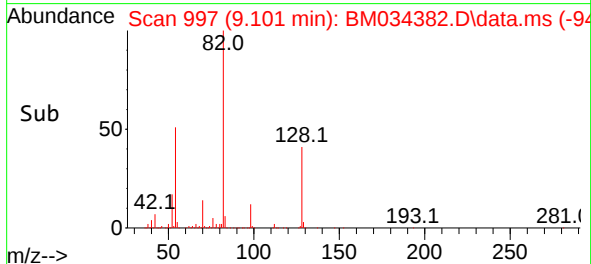
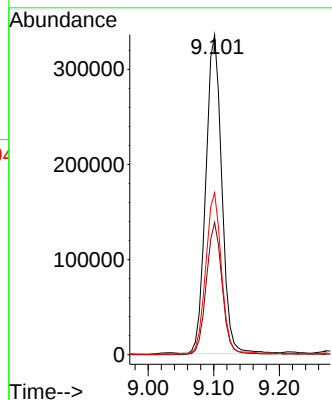
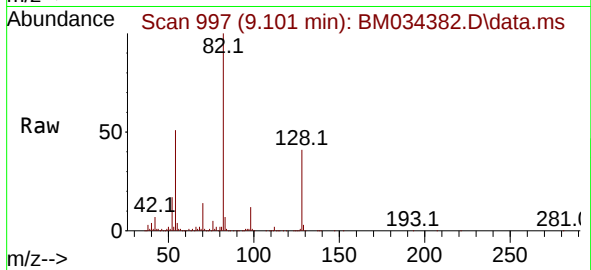




#23
Nitrobenzene-d5
Concen: 46.547 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

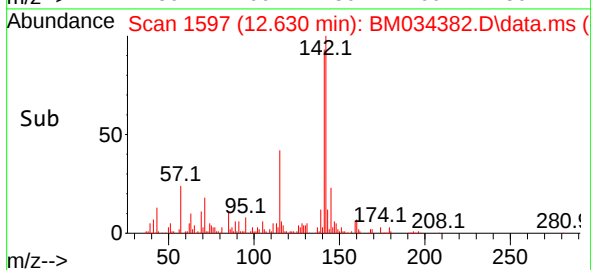
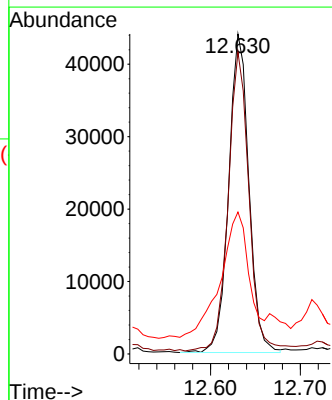
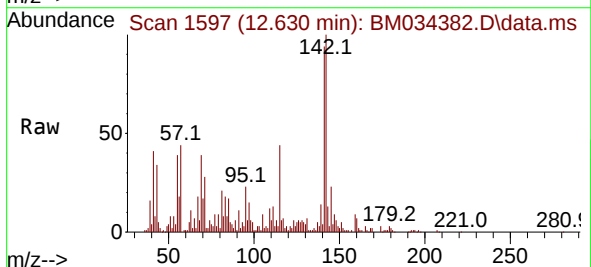
Instrument :
BNA_M
ClientSampleId :
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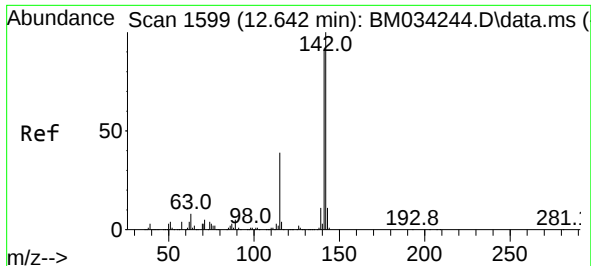
Tgt Ion: 82 Resp: 568462
Ion Ratio Lower Upper
82 100
128 41.3 31.9 47.9
54 50.6 40.6 61.0



#37
2-Methylnaphthalene
Concen: 3.108 ng
RT: 12.630 min Scan# 1597
Delta R.T. 0.218 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

Tgt Ion: 142 Resp: 68690
Ion Ratio Lower Upper
142 100
141 94.3 70.1 105.1
115 44.3 29.9 44.9

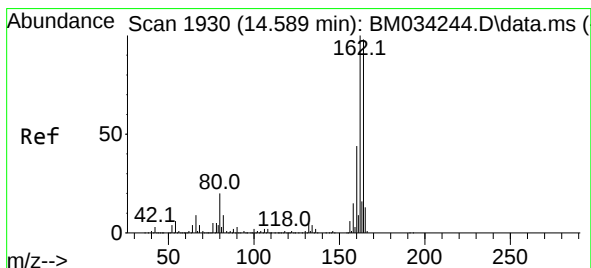
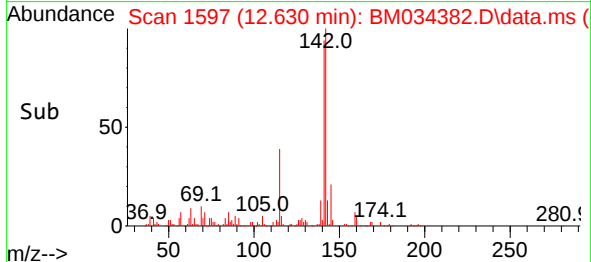
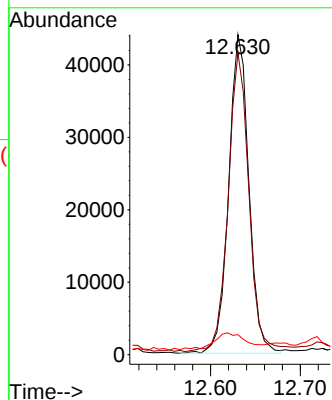
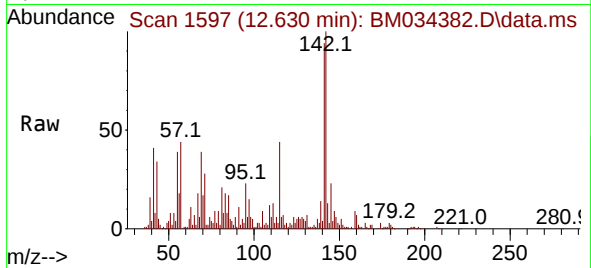




#38
1-Methylnaphthalene
Concen: 3.177 ng
RT: 12.630 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

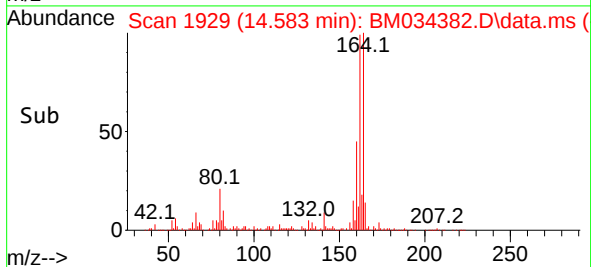
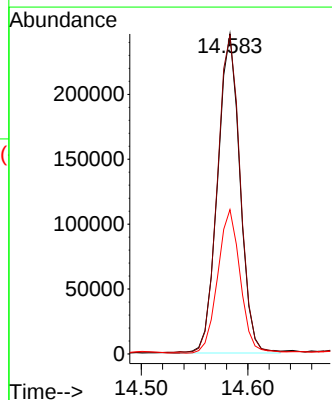
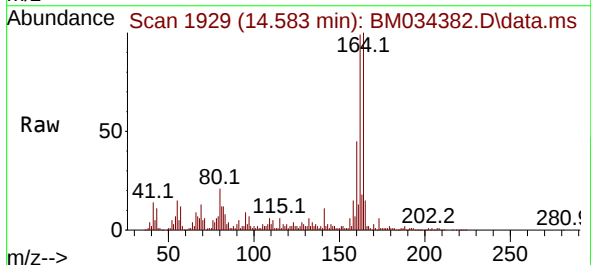
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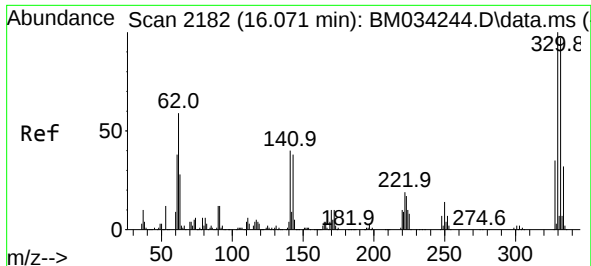
Tgt Ion:142 Resp: 68690
Ion Ratio Lower Upper
142 100
141 94.3 73.0 109.6
116 6.2 3.2 4.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

Tgt Ion:164 Resp: 357638
Ion Ratio Lower Upper
164 100
162 99.5 81.6 122.4
160 45.1 35.6 53.4

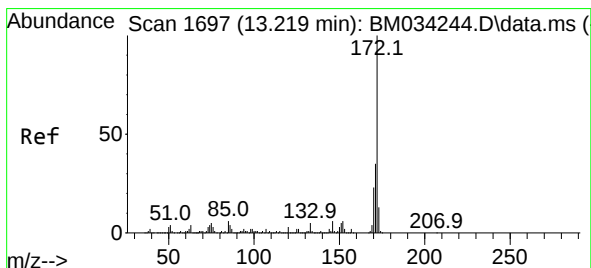
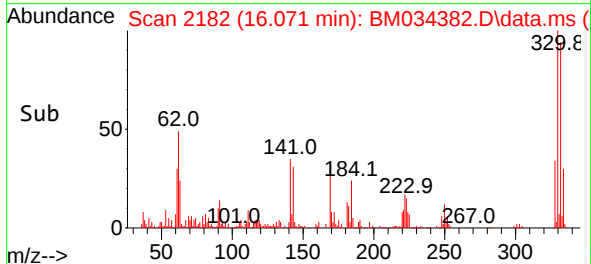
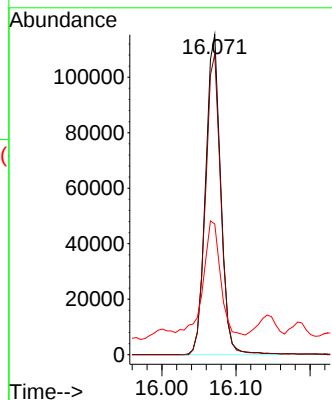
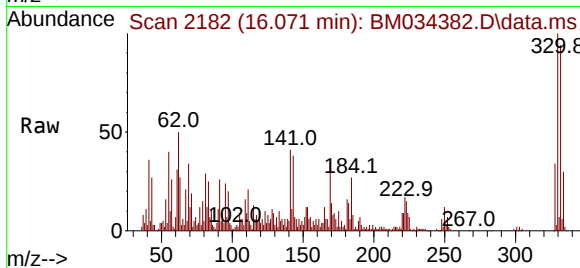




#42
2,4,6-Tribromophenol
Concen: 33.926 ng
RT: 16.071 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

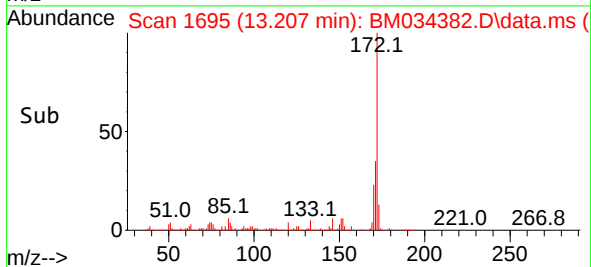
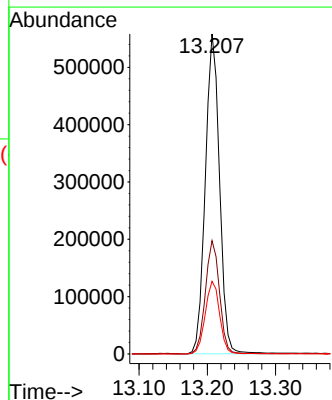
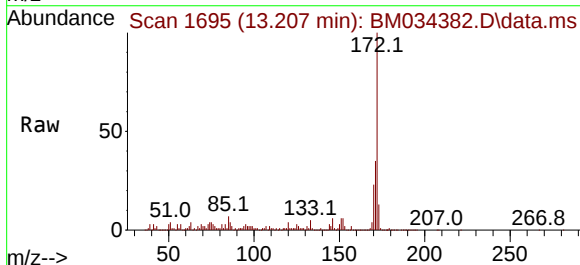
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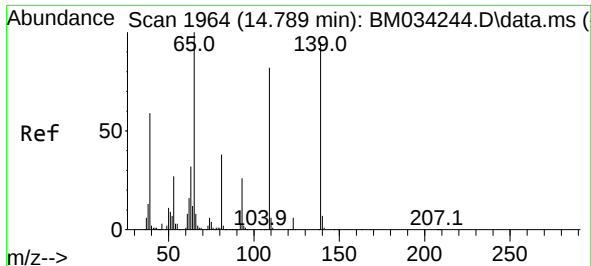
Tgt Ion:330 Resp: 163542
Ion Ratio Lower Upper
330 100
332 95.5 78.2 117.4
141 40.2 30.6 45.8



#45
2-Fluorobiphenyl
Concen: 31.003 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

Tgt Ion:172 Resp: 811417
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 22.7 18.6 28.0

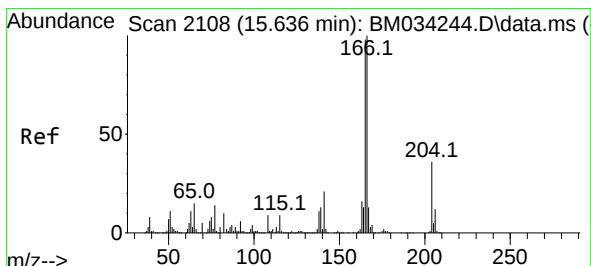
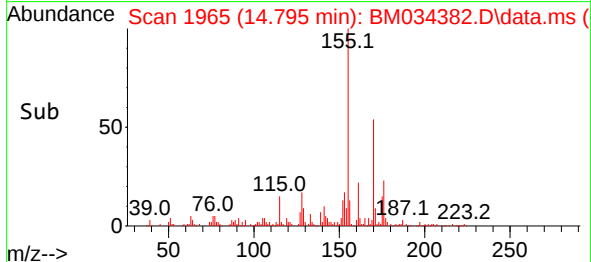
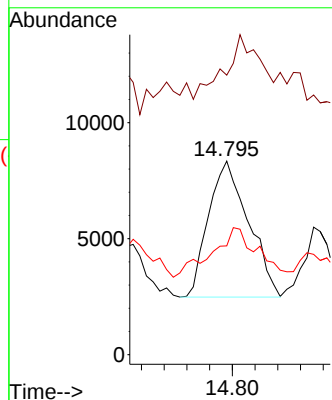
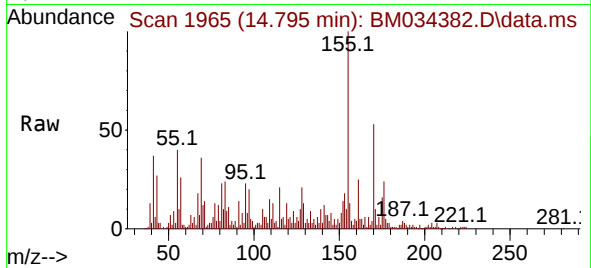




#56
4-Nitrophenol
Concen: 3.170 ng
RT: 14.795 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

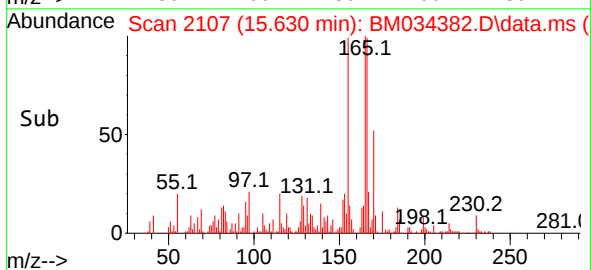
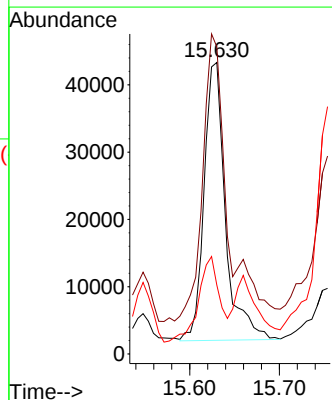
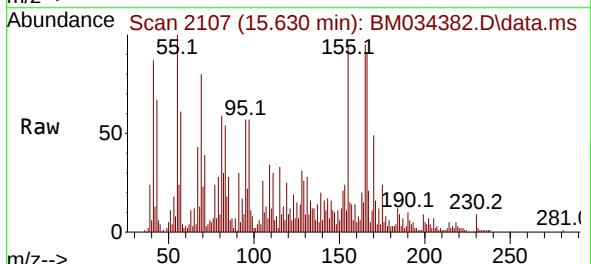
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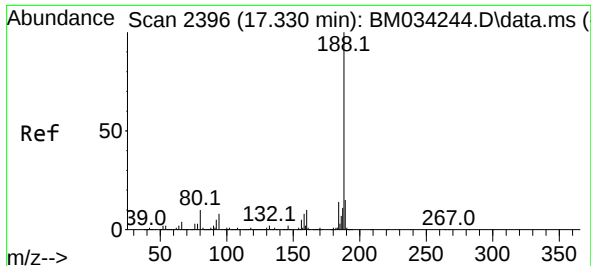
Tgt Ion:139 Resp: 14395
Ion Ratio Lower Upper
139 100
109 144.4 66.3 106.3#
65 56.2 85.5 125.5#



#58
Fluorene
Concen: 2.577 ng
RT: 15.630 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

Tgt Ion:166 Resp: 68524
Ion Ratio Lower Upper
166 100
165 105.3 78.0 117.0
167 23.6 10.5 15.7#

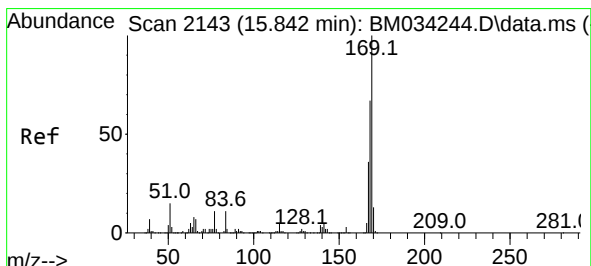
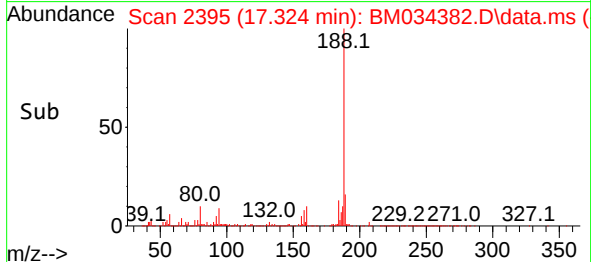
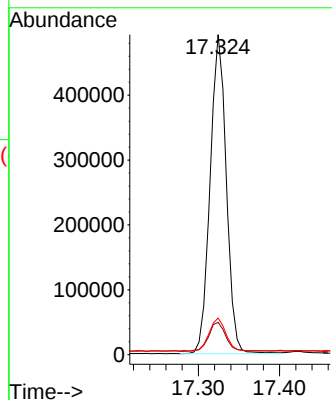
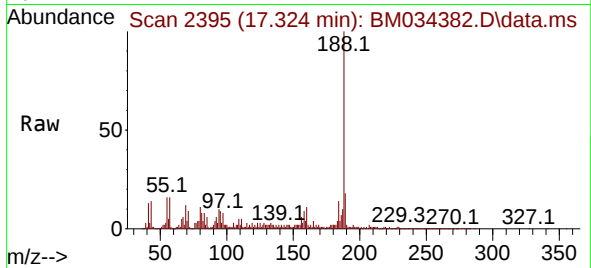




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21395
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

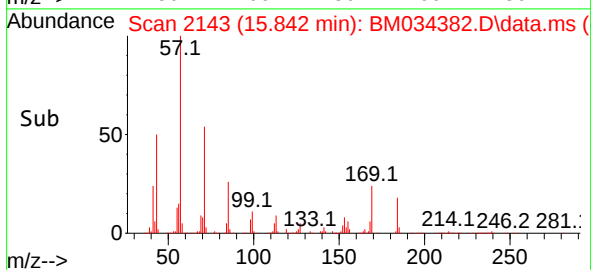
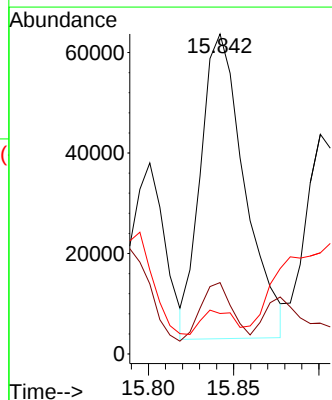
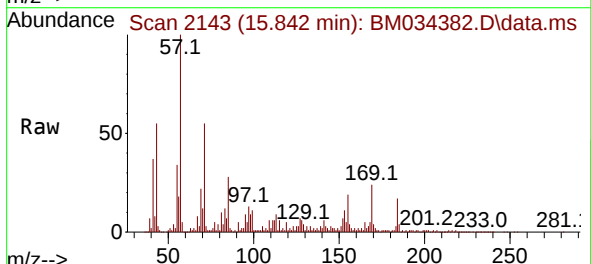
Instrument :
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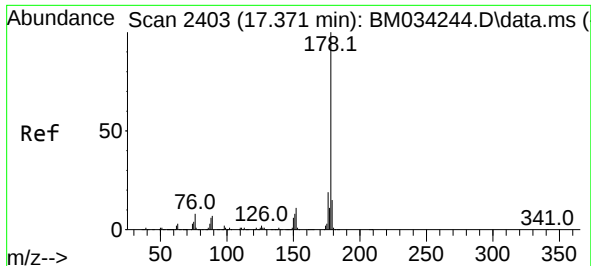
Tgt Ion:188 Resp: 681015
Ion Ratio Lower Upper
188 100
94 10.1 6.6 9.8#
80 11.4 7.8 11.8



#66
n-Nitrosodiphenylamine
Concen: 5.031 ng
RT: 15.842 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

Tgt Ion:169 Resp: 108844
Ion Ratio Lower Upper
169 100
168 22.3 53.9 80.9#
167 12.6 29.0 43.4#

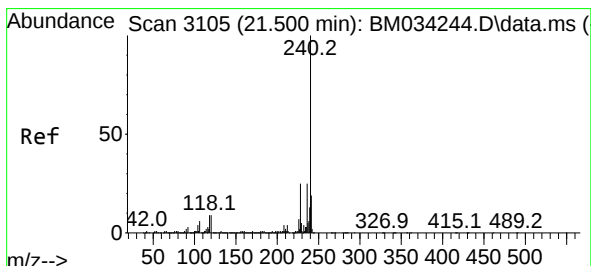
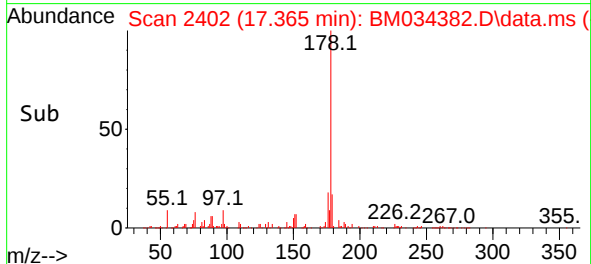
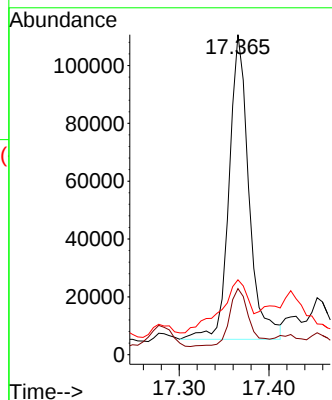
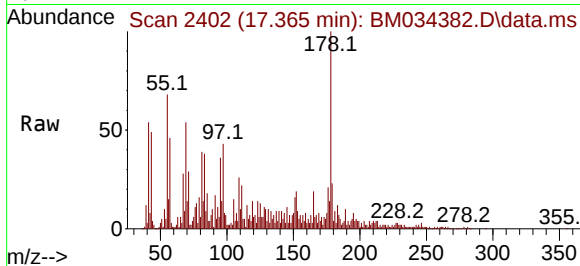




#71
Phenanthrene
Concen: 4.245 ng
RT: 17.365 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

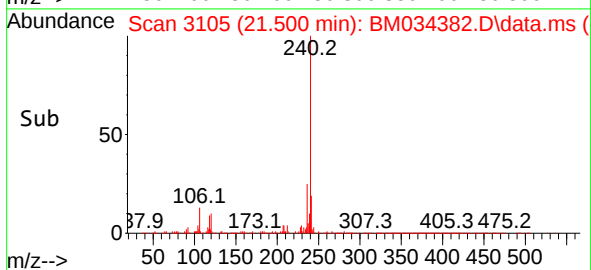
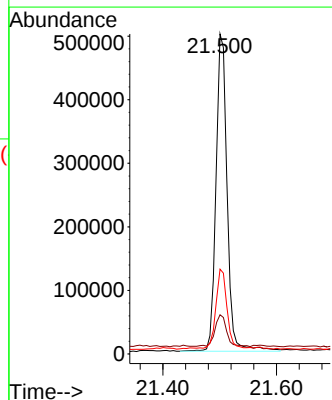
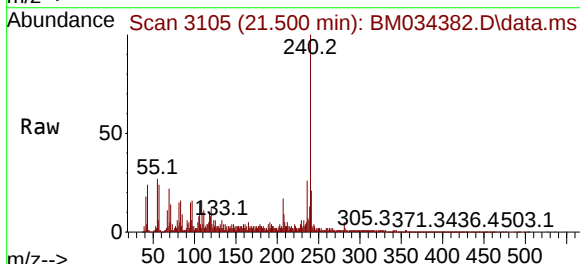
Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

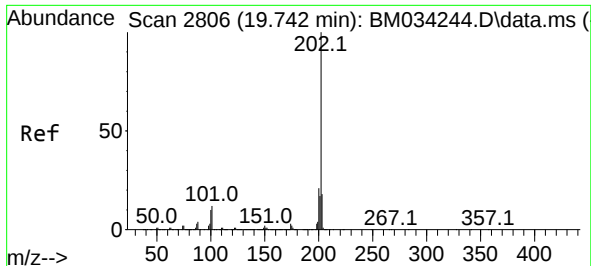
Tgt Ion:178 Resp: 161884
Ion Ratio Lower Upper
178 100
176 20.7 15.1 22.7
179 23.4 12.2 18.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

Tgt Ion:240 Resp: 677320
Ion Ratio Lower Upper
240 100
120 12.3 7.3 10.9#
236 26.5 20.2 30.2

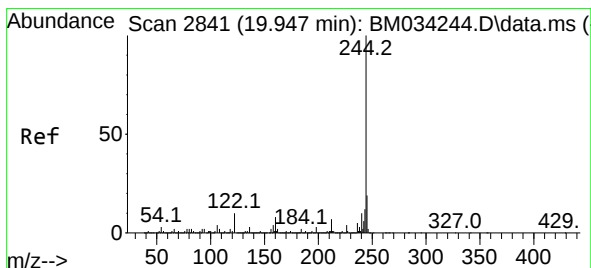
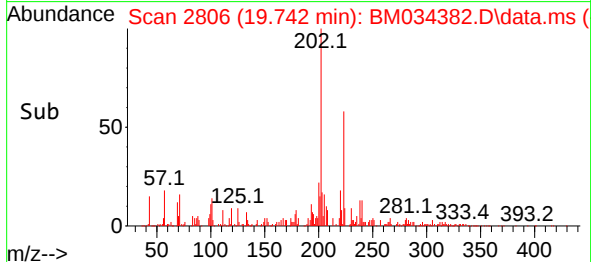
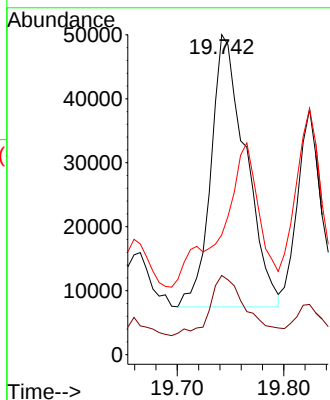
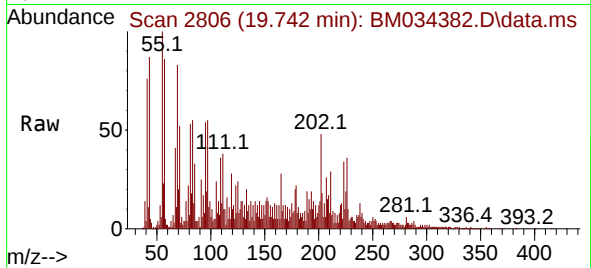




#78
Pyrene
Concen: 2.027 ng
RT: 19.742 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

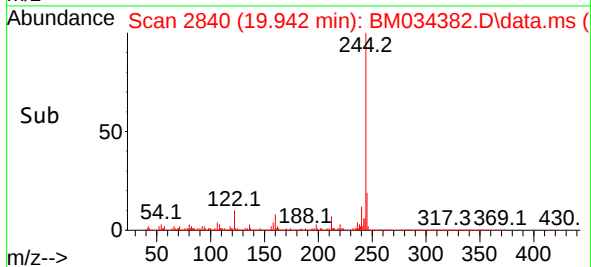
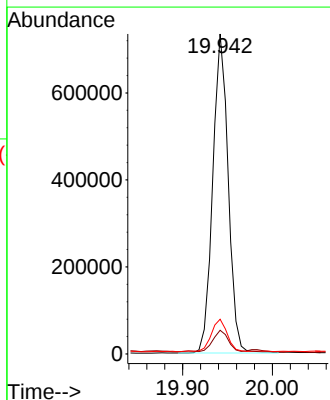
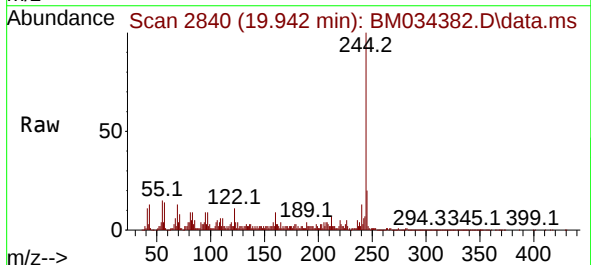
Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

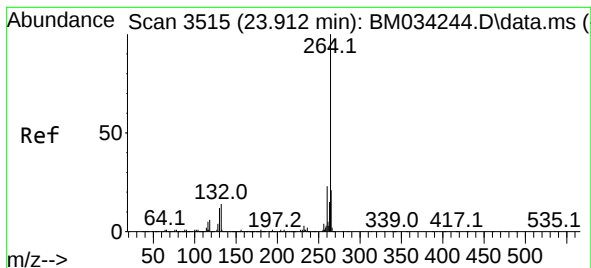
Tgt Ion:202 Resp: 96737
Ion Ratio Lower Upper
202 100
200 24.7 16.6 24.8
203 37.5 14.1 21.1#



#79
Terphenyl-d14
Concen: 22.495 ng
RT: 19.942 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

Tgt Ion:244 Resp: 876874
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 10.9 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.930 min Scan# 3

Delta R.T. 0.024 min

Lab File: BM034382.D

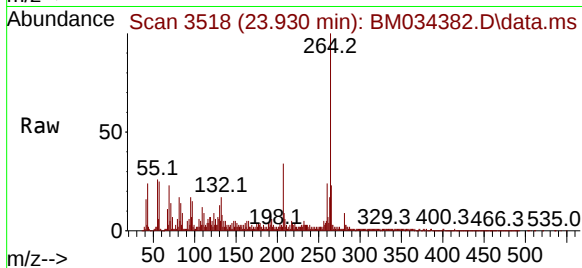
Acq: 25 Mar 2022 13:23

Instrument :

BNA_M

ClientSampleId :

UST-7-BOTTOM



Tgt Ion:264 Resp: 752939

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 23.1 17.6 26.4

