

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
 Data File : BM034381.D
 Acq On : 25 Mar 2022 12:46
 Operator : CG/JU
 Sample : N2057-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 UST-7-NORTH-SIDEWALL

Quant Time: Mar 26 05:38:19 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	150103	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	582913	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	342605	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	695772	20.000	ng	0.00
76) Chrysene-d12	21.495	240	682090	20.000	ng	0.00
86) Perylene-d12	23.918	264	753005	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	1099979	131.465	ng	0.00
7) Phenol-d6	7.101	99	1388776	115.927	ng	0.00
23) Nitrobenzene-d5	9.101	82	912584	76.222	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	535550	115.973	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1773399	70.733	ng	0.00
79) Terphenyl-d14	19.942	244	2690666	68.544	ng	0.00

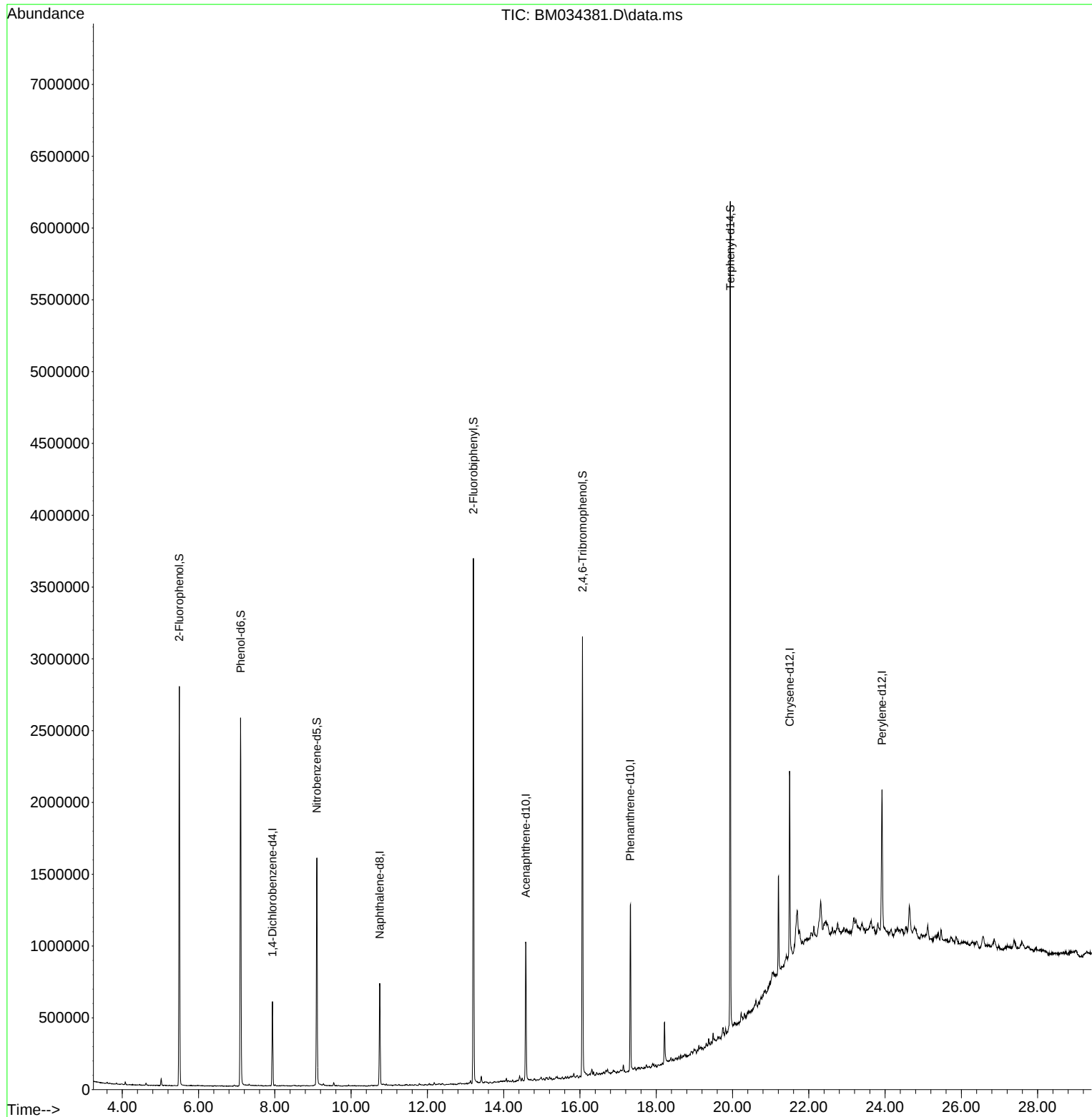
Target Compounds	Qvalue

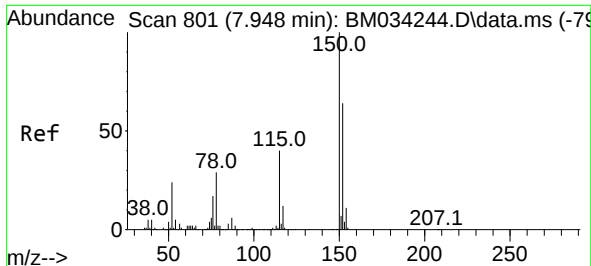
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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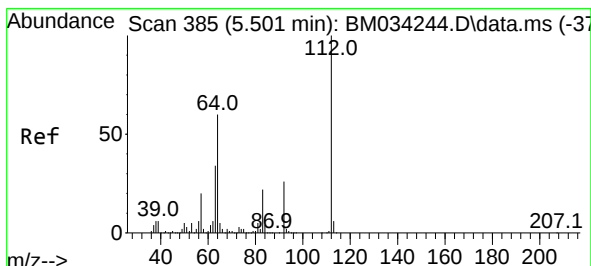
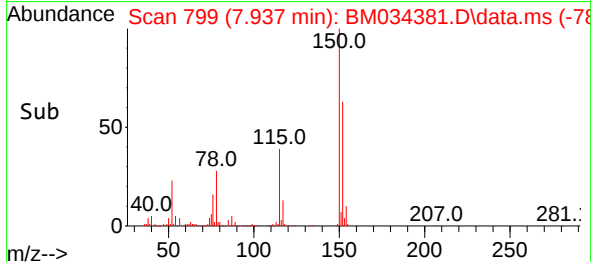
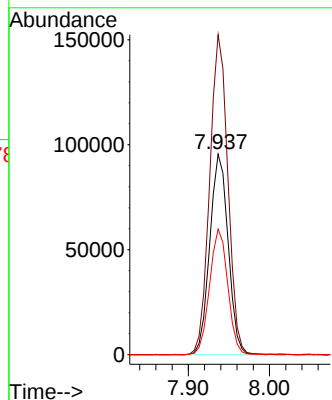
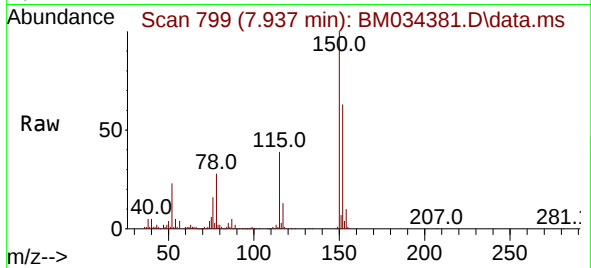




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM034381.D
Acq: 25 Mar 2022 12:46

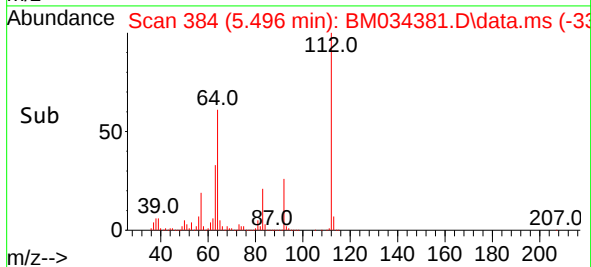
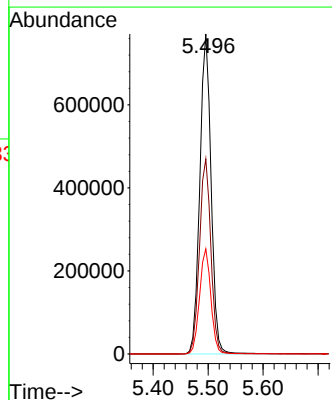
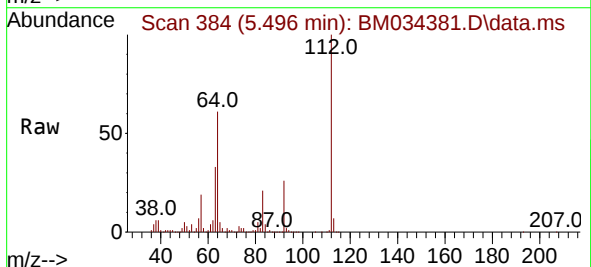
Instrument :
BNA_M
ClientSampleId :
UST-7-NORTH-SIDEWALL

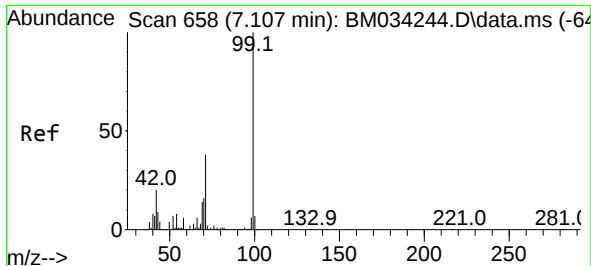
Tgt Ion:152 Resp: 150103
Ion Ratio Lower Upper
152 100
150 159.6 125.4 188.2
115 62.6 50.1 75.1



#5
2-Fluorophenol
Concen: 131.465 ng
RT: 5.496 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM034381.D
Acq: 25 Mar 2022 12:46

Tgt Ion:112 Resp: 1099979
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 32.9 27.1 40.7

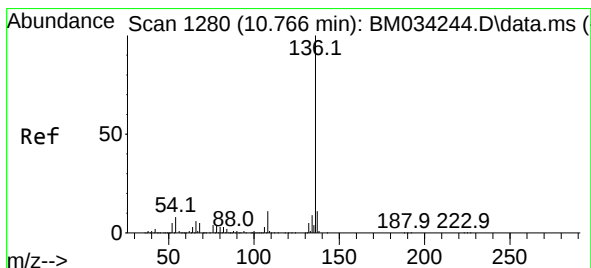
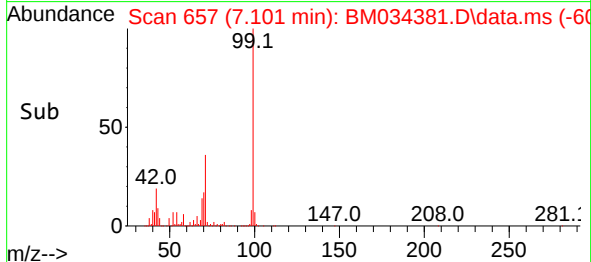
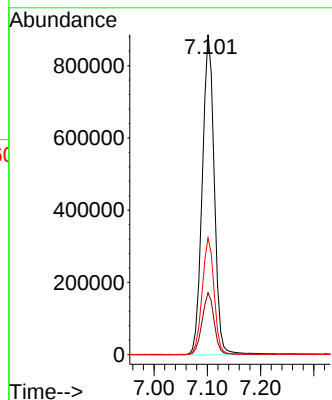
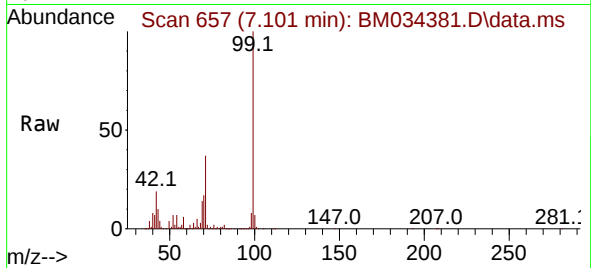




#7
Phenol-d6
Concen: 115.927 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034381.D
Acq: 25 Mar 2022 12:46

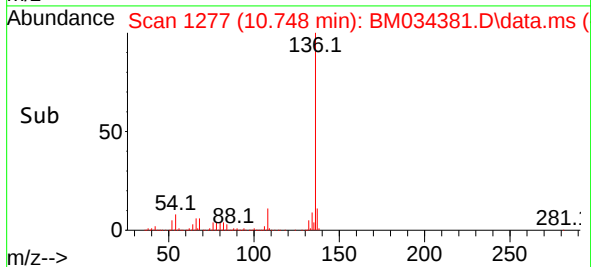
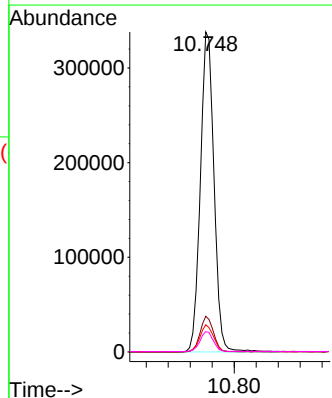
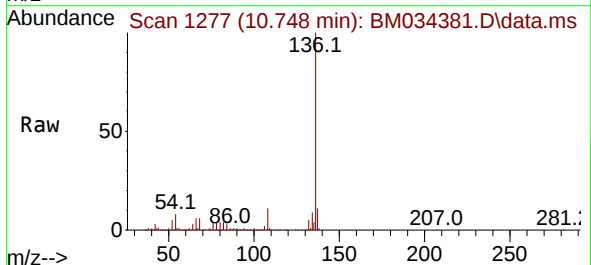
Instrument :
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ClientSampleId :
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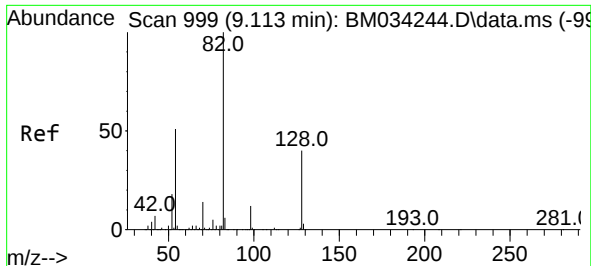
Tgt Ion: 99 Resp: 1388776
Ion Ratio Lower Upper
99 100
42 19.3 15.6 23.4
71 36.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034381.D
Acq: 25 Mar 2022 12:46

Tgt Ion: 136 Resp: 582913
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.5 6.2 9.4
68 6.4 4.3 6.5

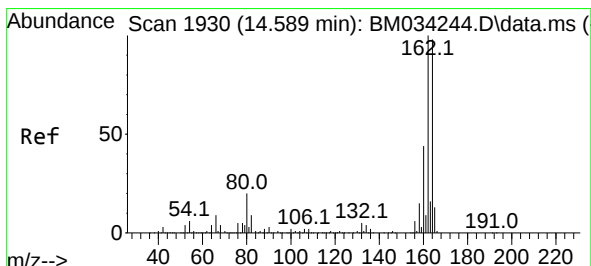
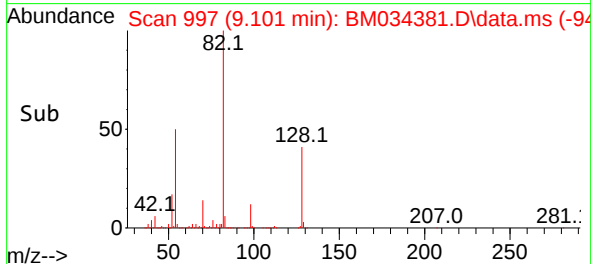
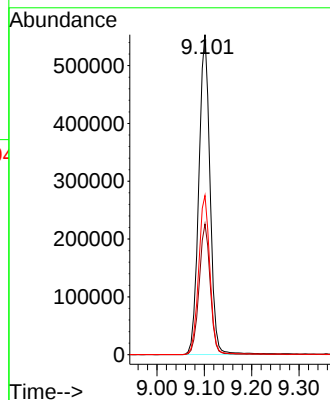
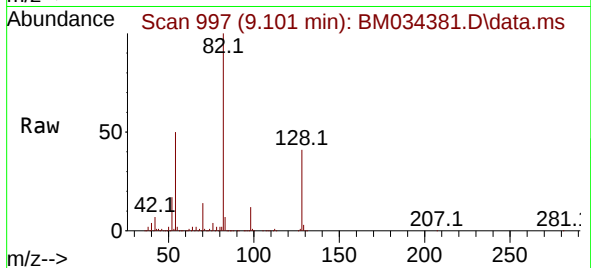




#23
Nitrobenzene-d5
Concen: 76.222 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM034381.D
Acq: 25 Mar 2022 12:46

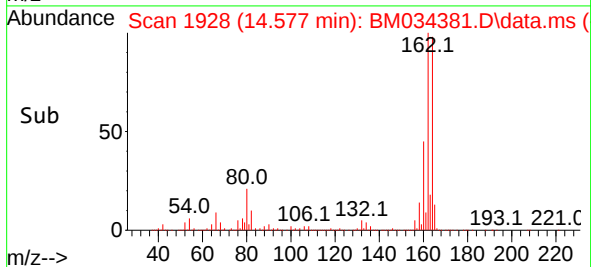
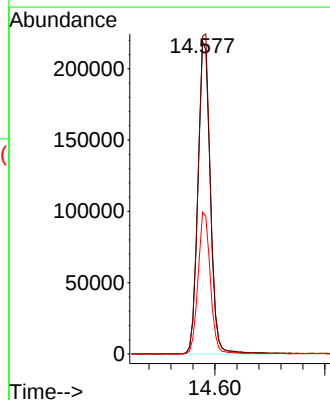
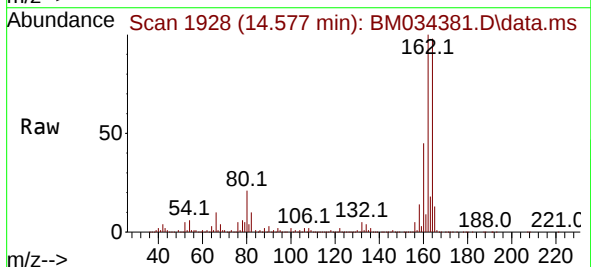
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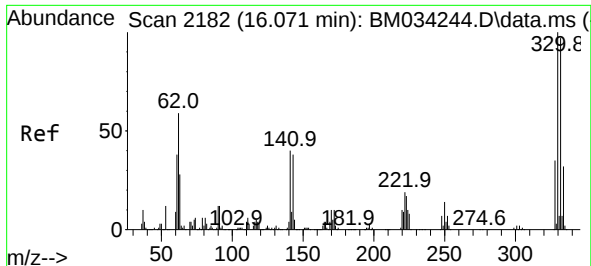
Tgt Ion: 82 Resp: 912584
Ion Ratio Lower Upper
82 100
128 40.8 31.9 47.9
54 49.8 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM034381.D
Acq: 25 Mar 2022 12:46

Tgt Ion: 164 Resp: 342605
Ion Ratio Lower Upper
164 100
162 101.8 81.6 122.4
160 45.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 115.973 ng

RT: 16.066 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM034381.D

Acq: 25 Mar 2022 12:46

Instrument :

BNA_M

ClientSampleId :

UST-7-NORTH-SIDEWALL

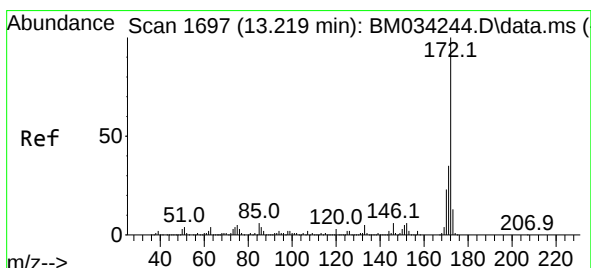
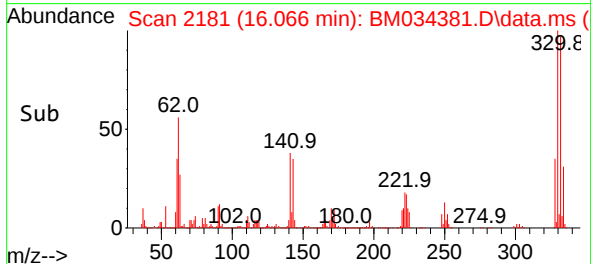
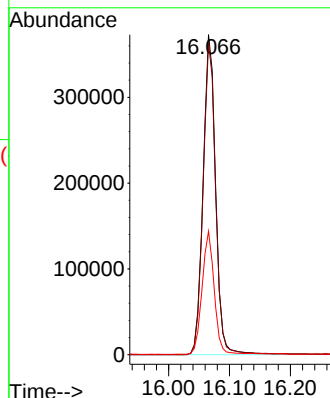
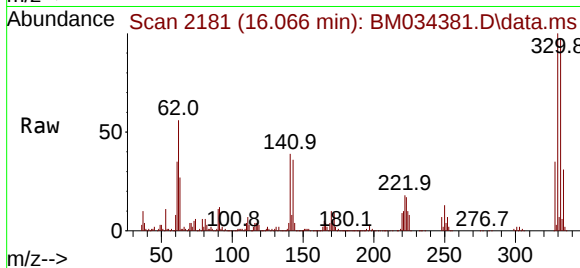
Tgt Ion:330 Resp: 535550

Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.4

141 37.0 30.6 45.8



#45

2-Fluorobiphenyl

Concen: 70.733 ng

RT: 13.207 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM034381.D

Acq: 25 Mar 2022 12:46

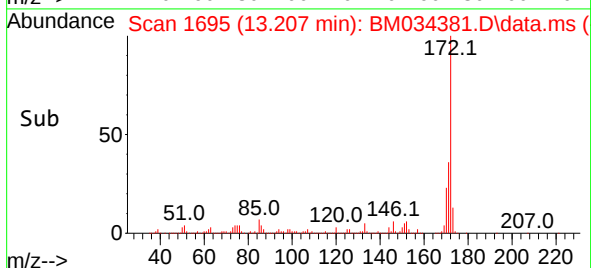
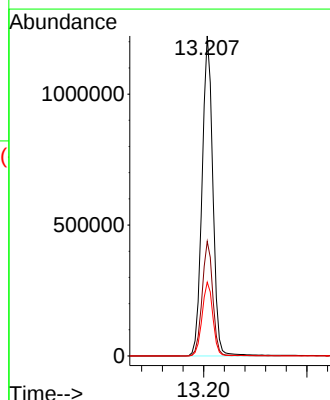
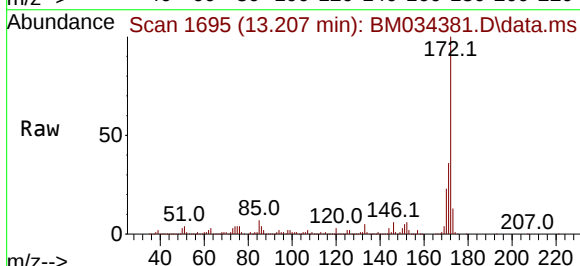
Tgt Ion:172 Resp: 1773399

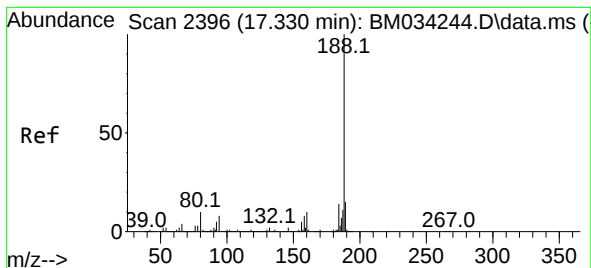
Ion Ratio Lower Upper

172 100

171 35.8 28.0 42.0

170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM034381.D

Acq: 25 Mar 2022 12:46

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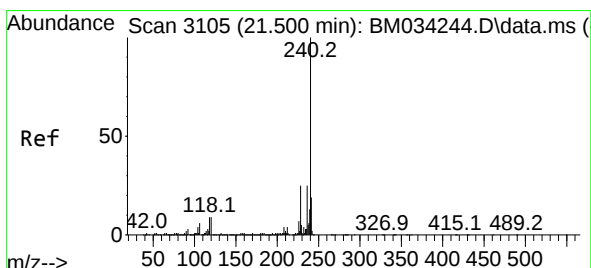
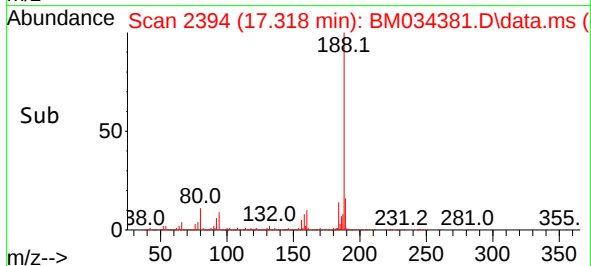
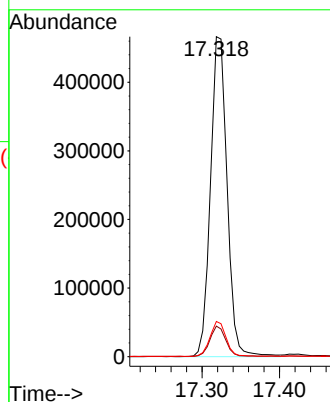
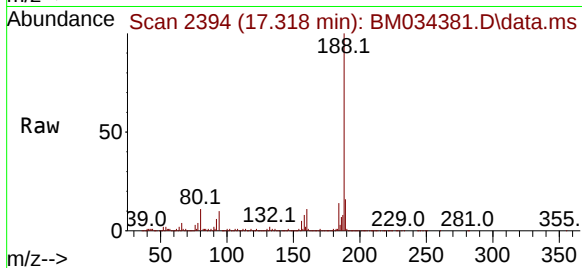
Tgt Ion:188 Resp: 695772

Ion Ratio Lower Upper

188 100

94 9.5 6.6 9.8

80 11.0 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.495 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM034381.D

Acq: 25 Mar 2022 12:46

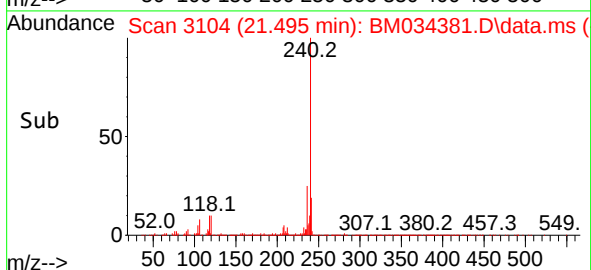
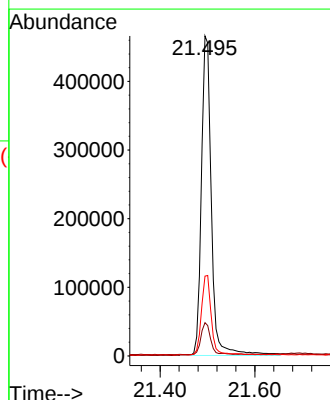
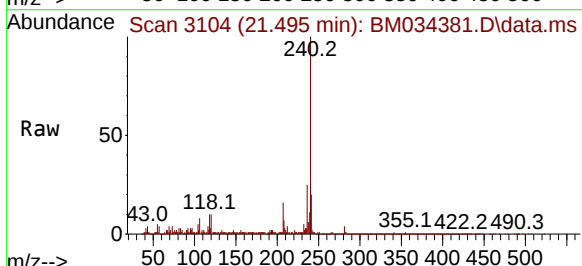
Tgt Ion:240 Resp: 682090

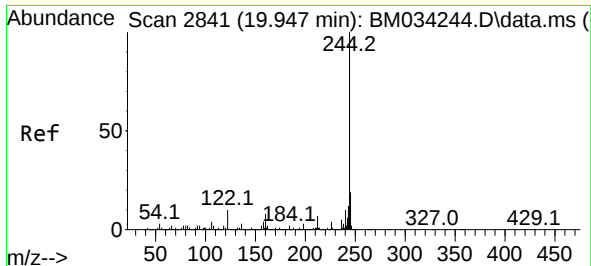
Ion Ratio Lower Upper

240 100

120 10.4 7.3 10.9

236 24.9 20.2 30.2

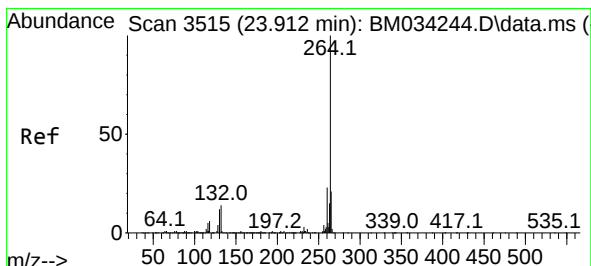
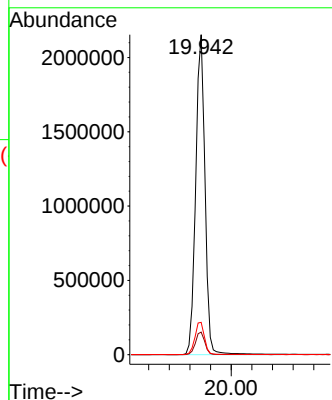
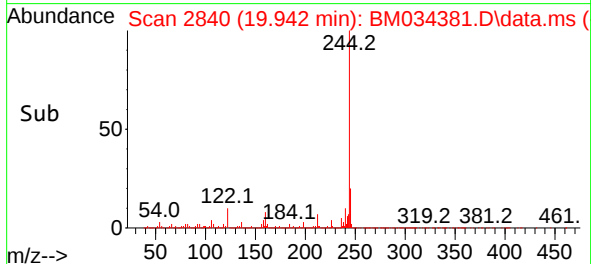
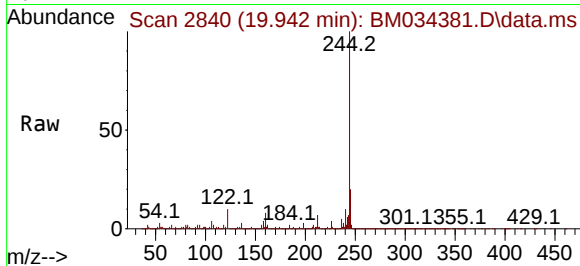




#79
 Terphenyl-d14
 Concen: 68.544 ng
 RT: 19.942 min Scan# 21
 Delta R.T. 0.006 min
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 UST-7-NORTH-SIDEWALL

Tgt Ion:244 Resp: 2690666
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.1 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.918 min Scan# 3516
 Delta R.T. 0.012 min
 Lab File: BM034381.D
 Acq: 25 Mar 2022 12:46

Tgt Ion:264 Resp: 753005
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 22.6 17.6 26.4

