

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
 Data File : BM036215.D
 Acq On : 11 Aug 2022 18:45
 Operator : CG/JU
 Sample : N4142-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 UST-BOT

Quant Time: Aug 12 02:17:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	239903	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	1011018	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	646616	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1454712	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1551981	20.000	ng	0.00
86) Perylene-d12	23.739	264	1553010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	2087296	141.059	ng	0.00
7) Phenol-d6	7.022	99	2681710	142.428	ng	-0.01
23) Nitrobenzene-d5	8.998	82	1569975	86.925	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1178761	155.393	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3663639	83.655	ng	0.00
79) Terphenyl-d14	19.839	244	6819240	86.667	ng	0.00

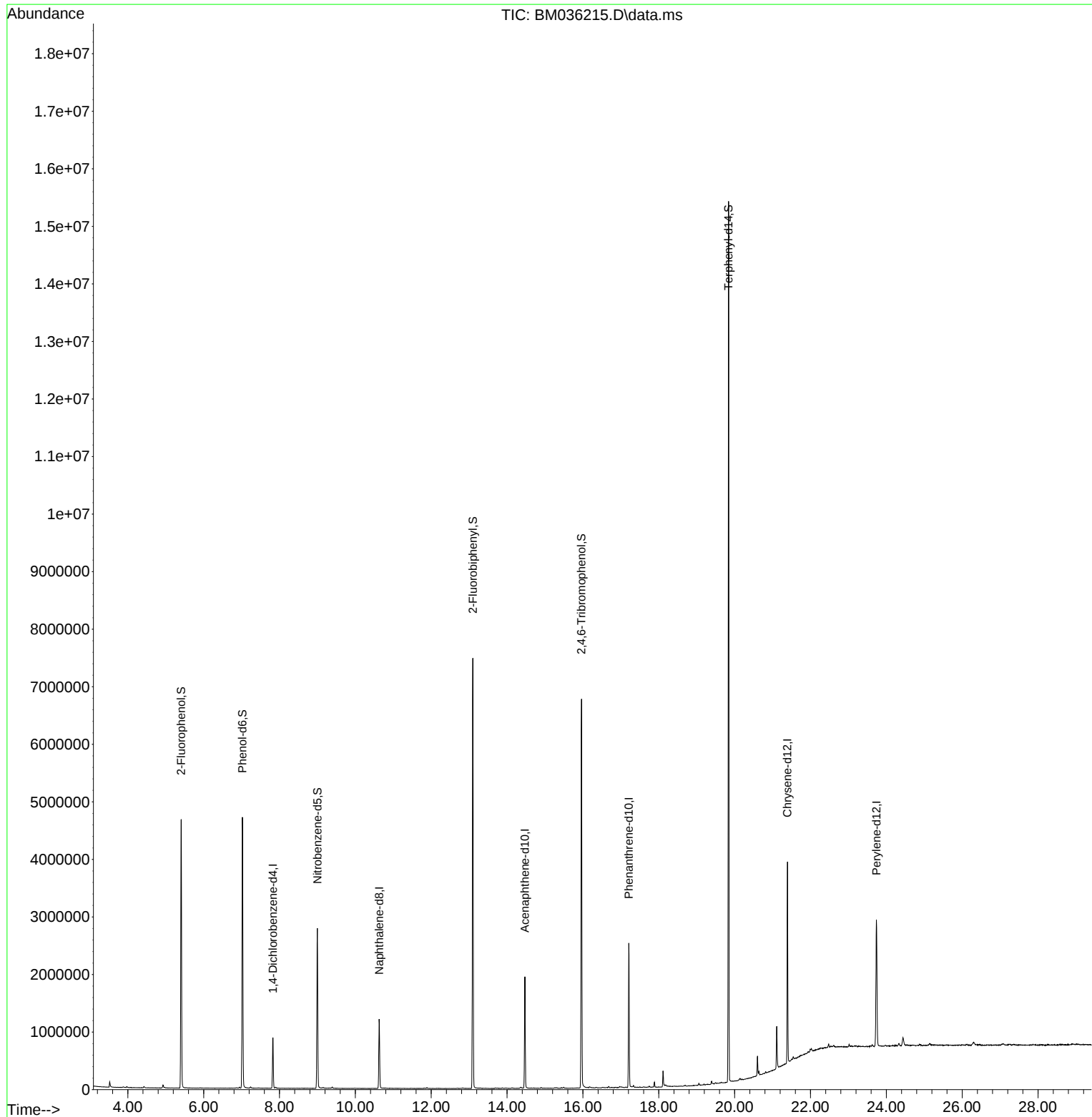
Target Compounds	Qvalue

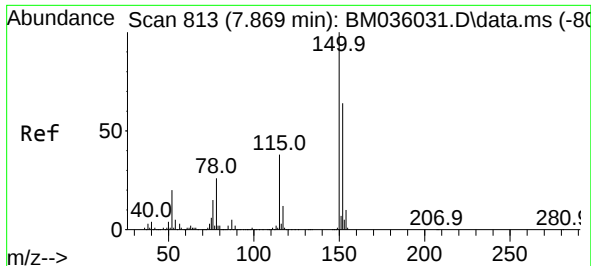
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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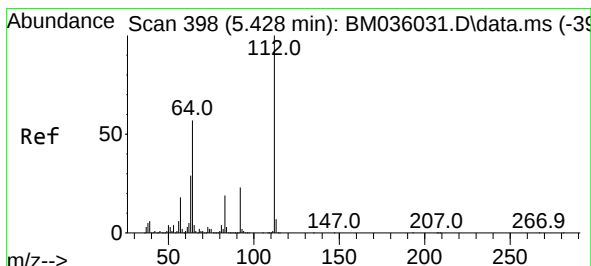
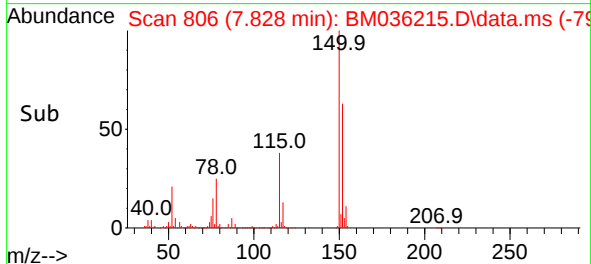
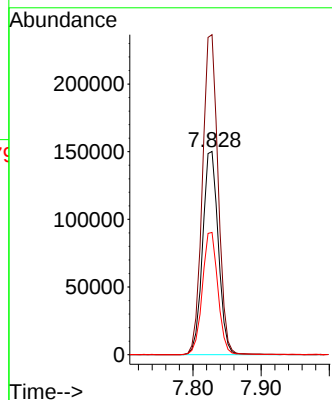
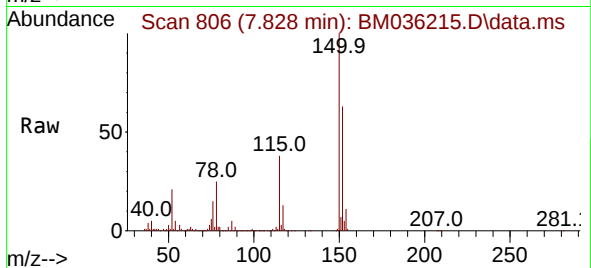




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM036215.D
Acq: 11 Aug 2022 18:45

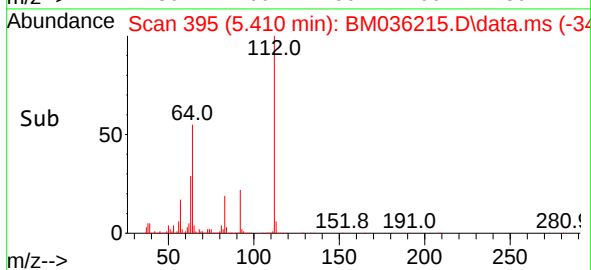
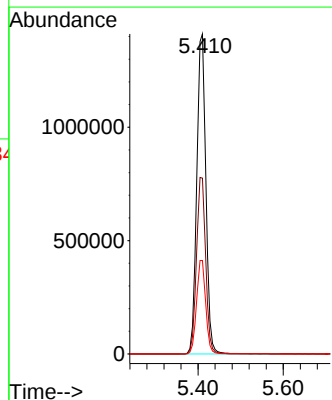
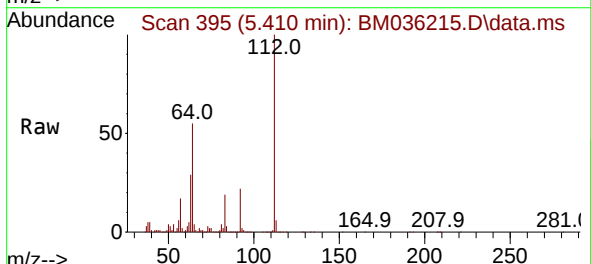
Instrument :
BNA_M
ClientSampleId :
UST-BOT

Tgt Ion:152 Resp: 239903
Ion Ratio Lower Upper
152 100
150 157.5 124.9 187.3
115 60.2 47.9 71.9



#5
2-Fluorophenol
Concen: 141.059 ng
RT: 5.410 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM036215.D
Acq: 11 Aug 2022 18:45

Tgt Ion:112 Resp: 2087296
Ion Ratio Lower Upper
112 100
64 55.0 47.8 71.6
63 29.2 26.6 40.0

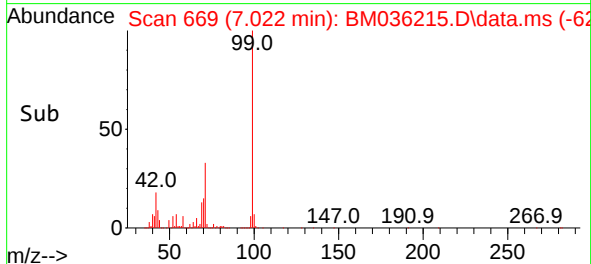
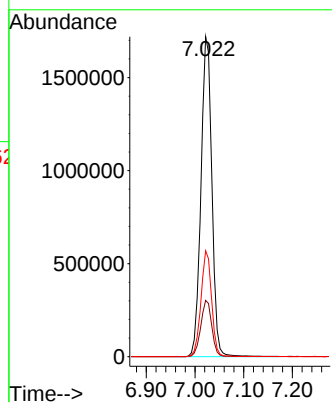
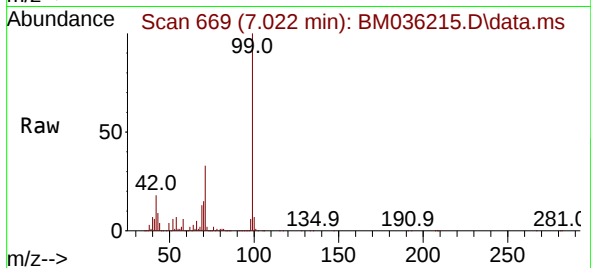




#7
Phenol-d6
Concen: 142.428 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM036215.D
Acq: 11 Aug 2022 18:45

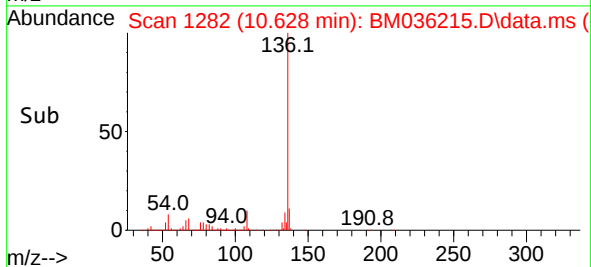
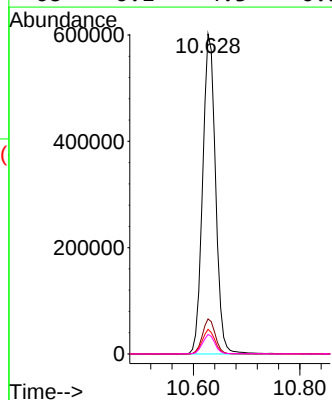
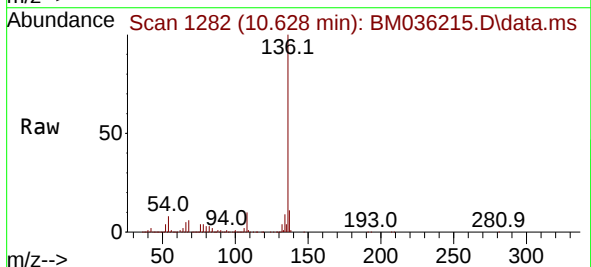
Instrument :
BNA_M
ClientSampleId :
UST-BOT

Tgt Ion: 99 Resp: 2681710
Ion Ratio Lower Upper
99 100
42 17.6 18.8 28.2#
71 33.1 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BM036215.D
Acq: 11 Aug 2022 18:45

Tgt Ion: 136 Resp: 1011018
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.7 7.0 10.4
68 6.1 4.3 6.5

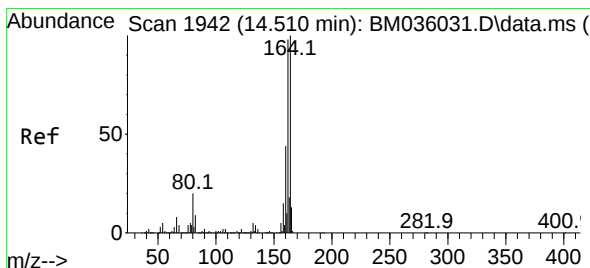
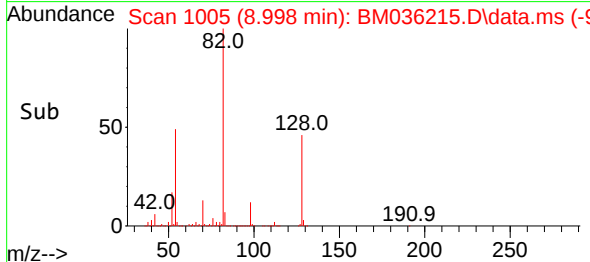
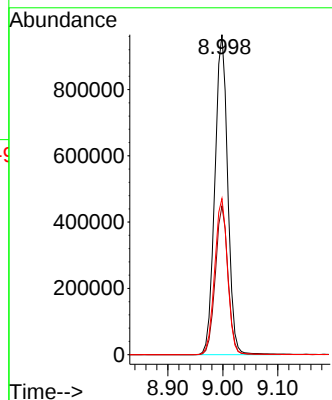
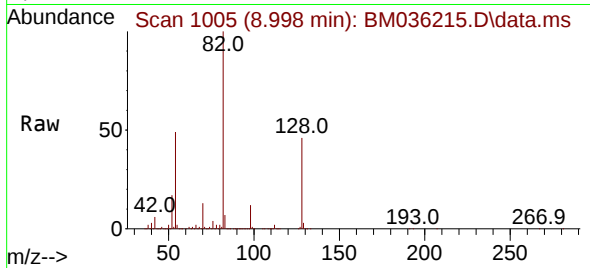




#23
Nitrobenzene-d5
Concen: 86.925 ng
RT: 8.998 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM036215.D
Acq: 11 Aug 2022 18:45

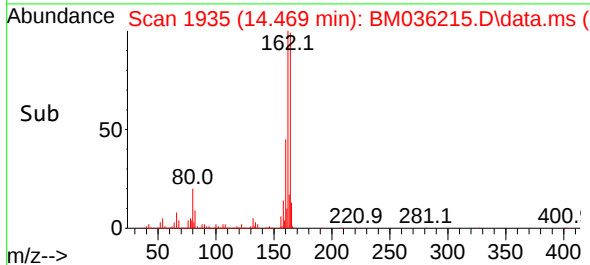
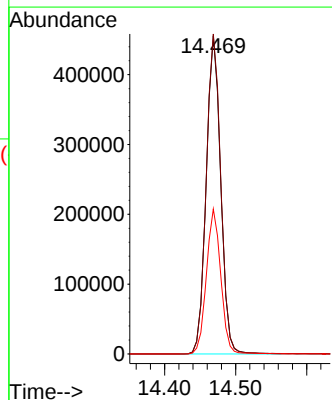
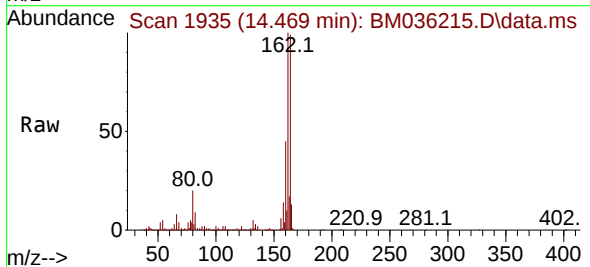
Instrument :
BNA_M
ClientSampleId :
UST-BOT

Tgt Ion: 82 Resp: 1569975
Ion Ratio Lower Upper
82 100
128 46.4 33.7 50.5
54 48.8 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM036215.D
Acq: 11 Aug 2022 18:45

Tgt Ion:164 Resp: 646616
Ion Ratio Lower Upper
164 100
162 100.6 83.0 124.6
160 45.6 37.0 55.4

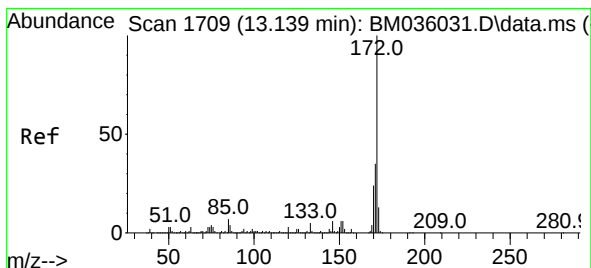
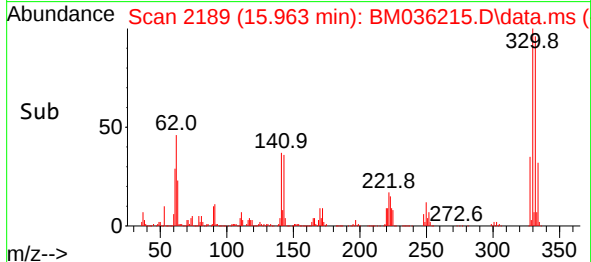
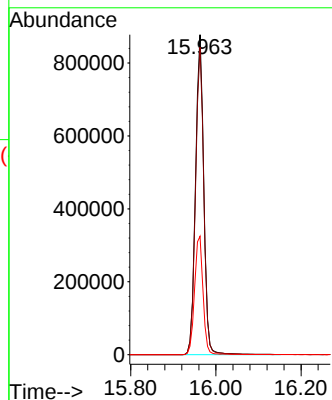
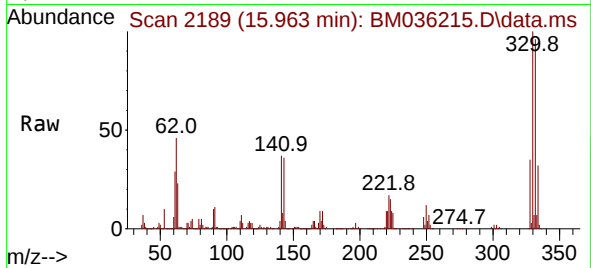




#42
2,4,6-Tribromophenol
Concen: 155.393 ng
RT: 15.963 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036215.D
Acq: 11 Aug 2022 18:45

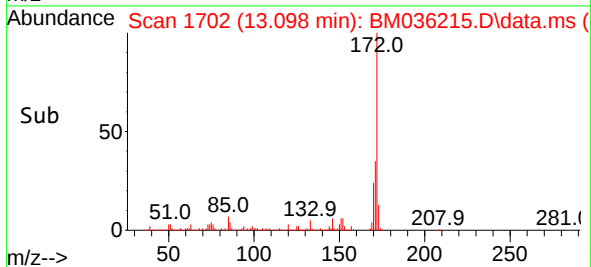
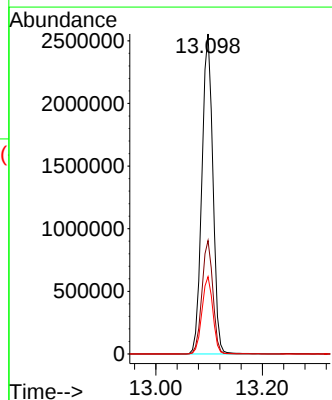
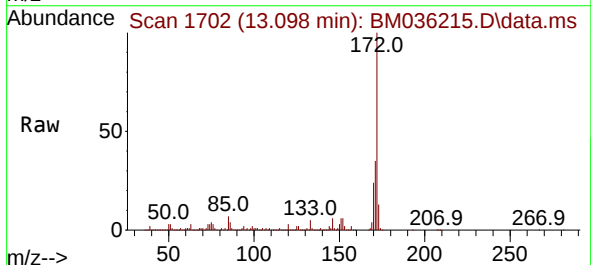
Instrument :
BNA_M
ClientSampleId :
UST-BOT

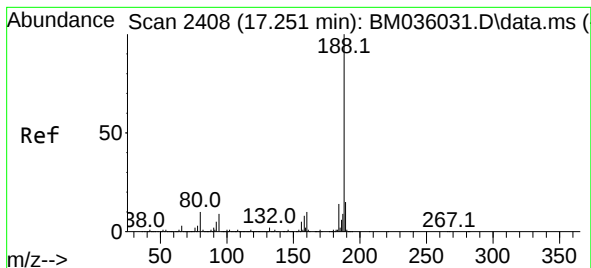
Tgt Ion:330 Resp: 1178761
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 38.3 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 83.655 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM036215.D
Acq: 11 Aug 2022 18:45

Tgt Ion:172 Resp: 3663639
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM036215.D

Acq: 11 Aug 2022 18:45

Instrument :

BNA_M

ClientSampleId :

UST-BOT

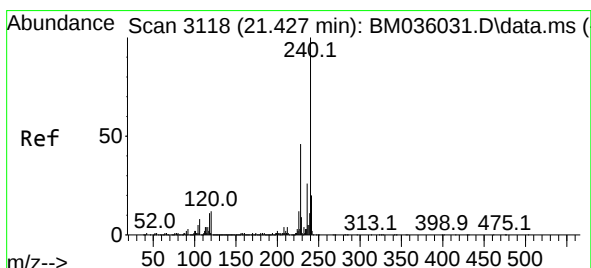
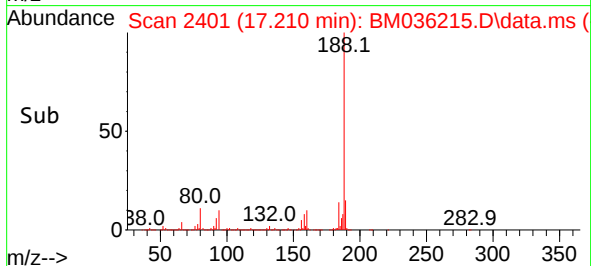
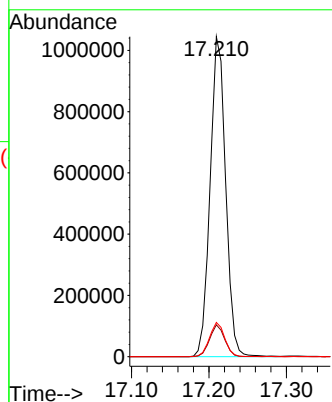
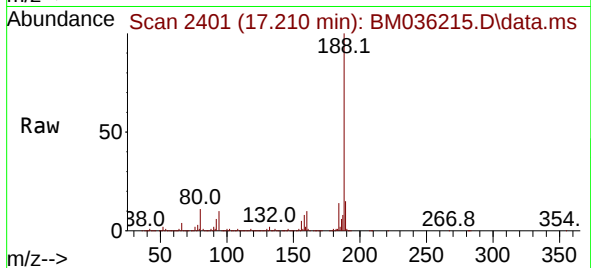
Tgt Ion:188 Resp: 1454712

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.4

80 10.7 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM036215.D

Acq: 11 Aug 2022 18:45

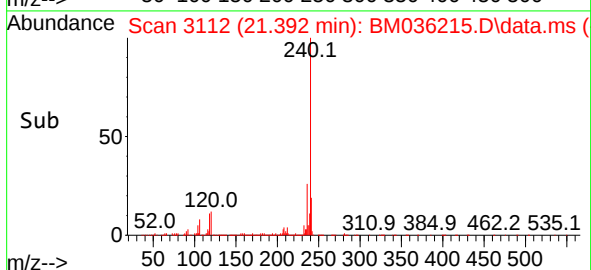
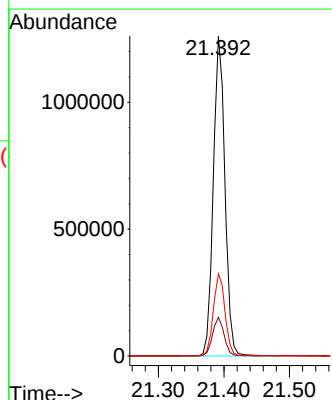
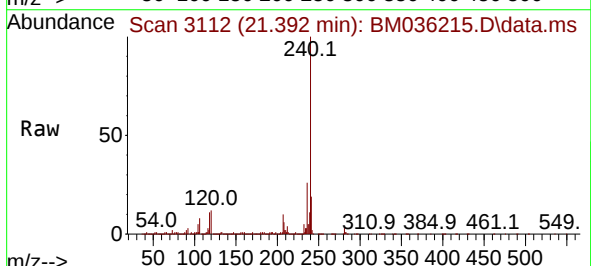
Tgt Ion:240 Resp: 1551981

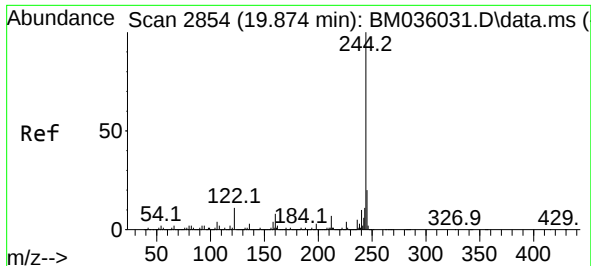
Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.0

236 25.7 20.6 30.8

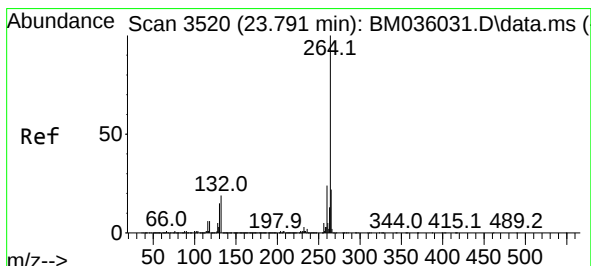
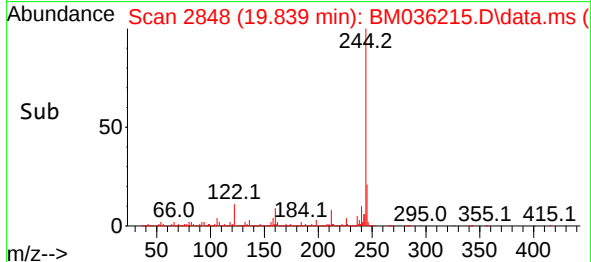
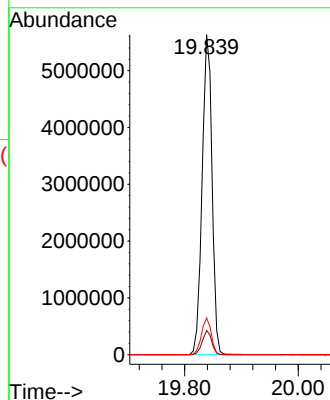
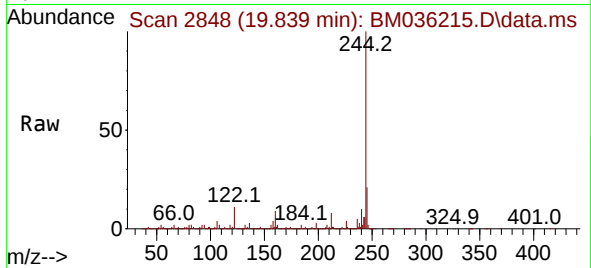




#79
 Terphenyl-d14
 Concen: 86.667 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036215.D
 Acq: 11 Aug 2022 18:45

Instrument :
 BNA_M
 ClientSampleId :
 UST-BOT

Tgt Ion:244 Resp: 6819240
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 11.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 3511
 Delta R.T. -0.006 min
 Lab File: BM036215.D
 Acq: 11 Aug 2022 18:45

Tgt Ion:264 Resp: 1553010
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 21.9 17.5 26.3

