

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033403.D
 Acq On : 10 Dec 2021 20:26
 Operator : CG/JU
 Sample : M4927-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PH1-BOT-4

Quant Time: Dec 11 02:14:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 07:11:07 2021
 Response via : Initial Calibration

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

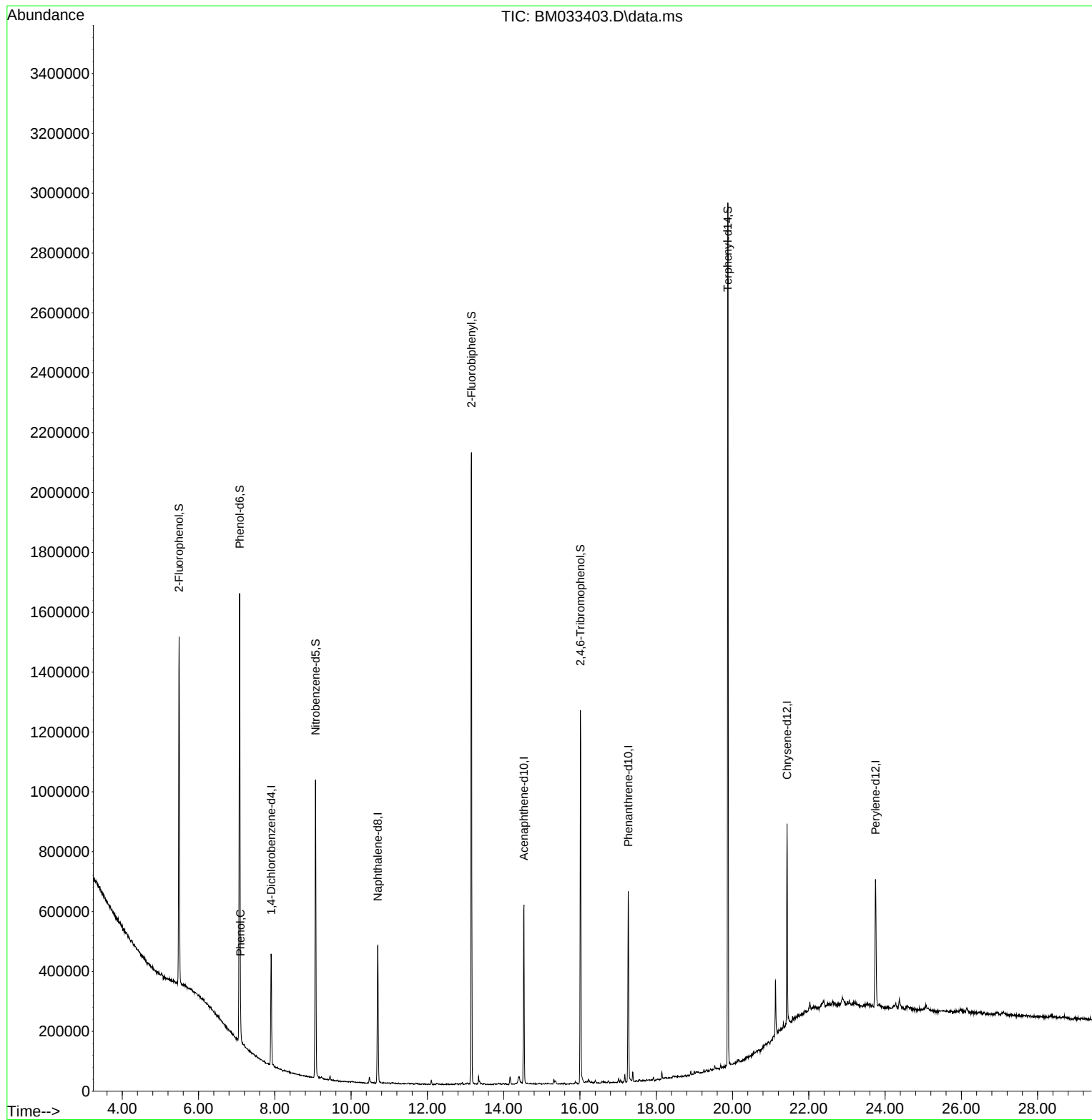
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	96362	20.000	ng	0.00
21) Naphthalene-d8	10.701	136	365397	20.000	ng	0.00
39) Acenaphthene-d10	14.530	164	199048	20.000	ng	0.00
64) Phenanthrene-d10	17.265	188	363418	20.000	ng	-0.01
76) Chrysene-d12	21.430	240	309072	20.000	ng	#-0.01
86) Perylene-d12	23.747	264	300753	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	477594	81.309	ng	0.00
7) Phenol-d6	7.078	99	799923	97.670	ng	-0.01
23) Nitrobenzene-d5	9.066	82	563316	65.459	ng	-0.01
42) 2,4,6-Tribromophenol	16.012	330	185715	87.220	ng	-0.01
45) 2-Fluorobiphenyl	13.154	172	1054133	73.255	ng	0.00
79) Terphenyl-d14	19.877	244	1207528	72.383	ng	-0.01
Target Compounds						
10) Phenol	7.101	94	23256	2.845	ng	Qvalue 95

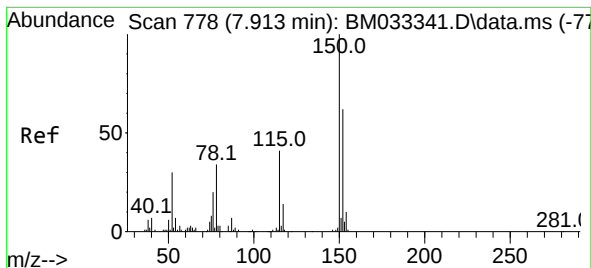
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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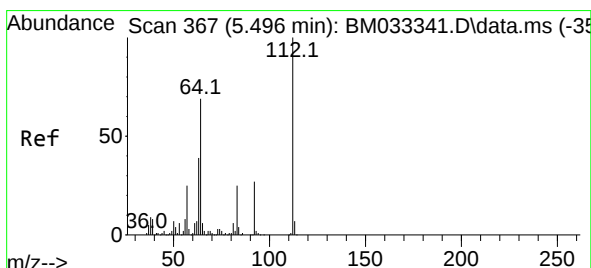
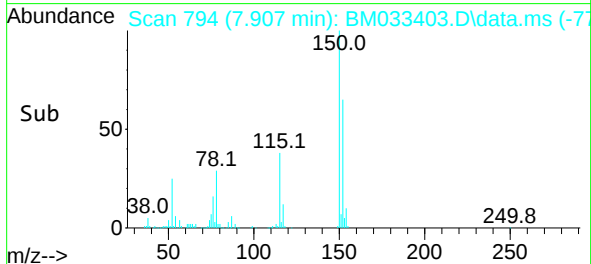
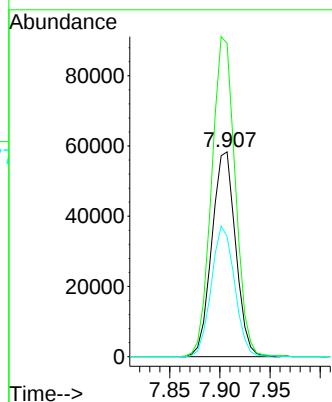
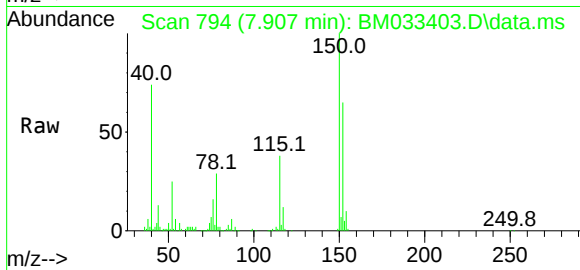




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.907 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM033403.D
Acq: 10 Dec 2021 20:26

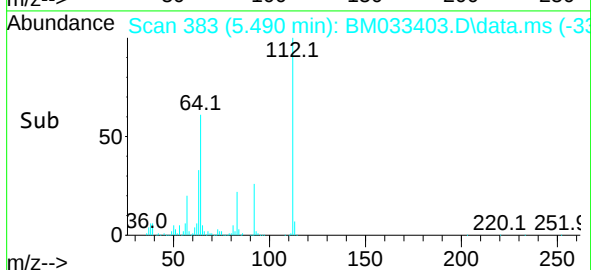
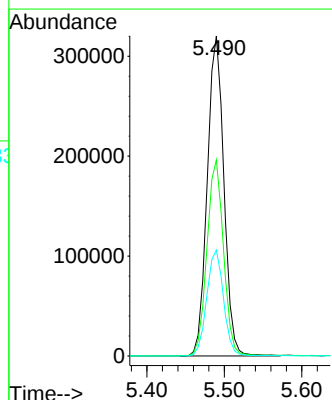
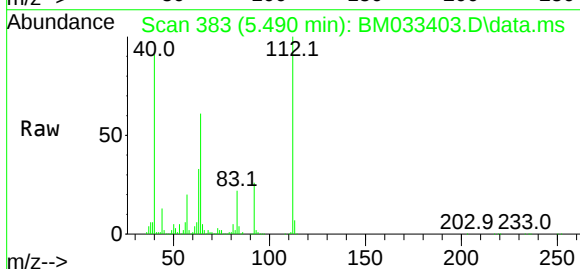
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-4

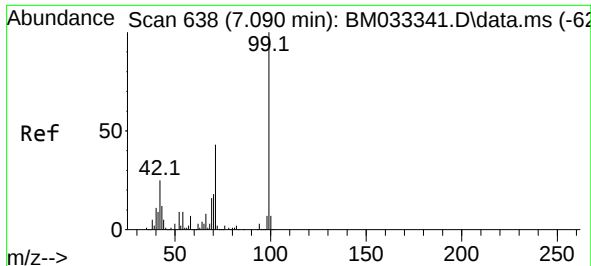
Tgt Ion:152 Resp: 96362
Ion Ratio Lower Upper
152 100
150 152.9 128.9 193.3
115 58.6 53.0 79.6



#5
2-Fluorophenol
Concen: 81.309 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM033403.D
Acq: 10 Dec 2021 20:26

Tgt Ion:112 Resp: 477594
Ion Ratio Lower Upper
112 100
64 61.3 55.5 83.3
63 33.1 31.3 46.9

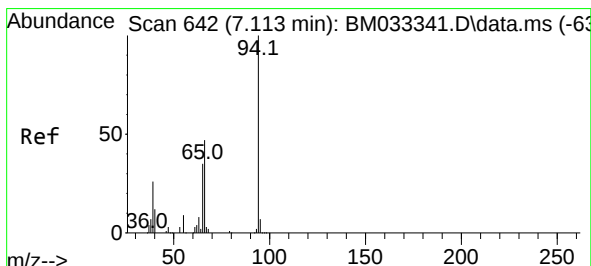
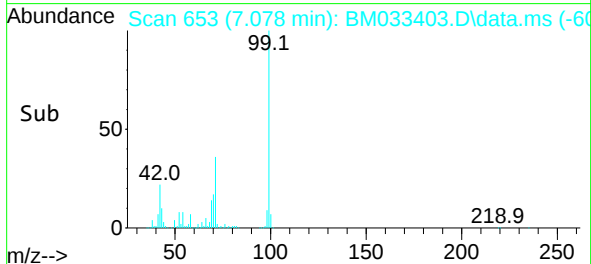
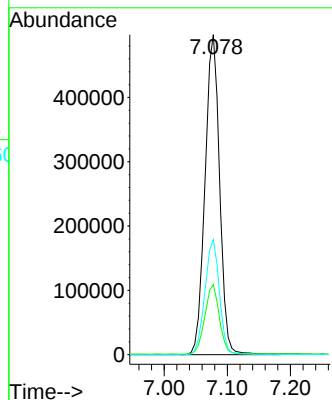
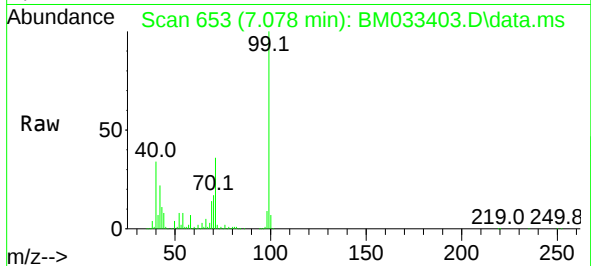




#7
Phenol-d6
Concen: 97.670 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033403.D
Acq: 10 Dec 2021 20:26

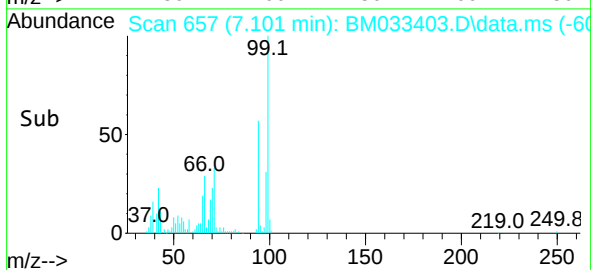
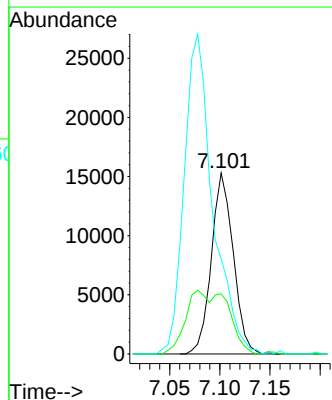
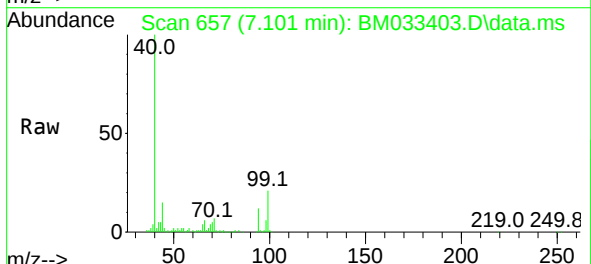
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-4

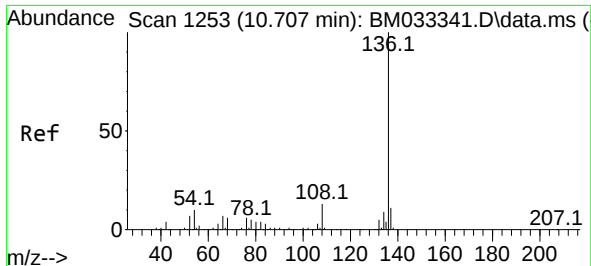
Tgt Ion: 99 Resp: 799923
Ion Ratio Lower Upper
99 100
42 21.9 20.3 30.5
71 36.0 34.5 51.7



#10
Phenol
Concen: 2.845 ng
RT: 7.101 min Scan# 657
Delta R.T. -0.012 min
Lab File: BM033403.D
Acq: 10 Dec 2021 20:26

Tgt Ion: 94 Resp: 23256
Ion Ratio Lower Upper
94 100
65 33.2 15.5 55.5
66 52.5 28.5 68.5

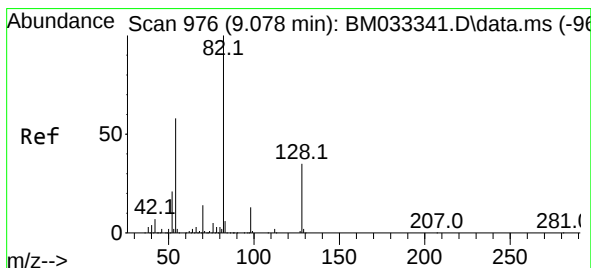
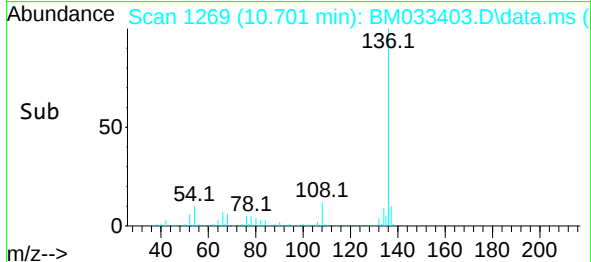
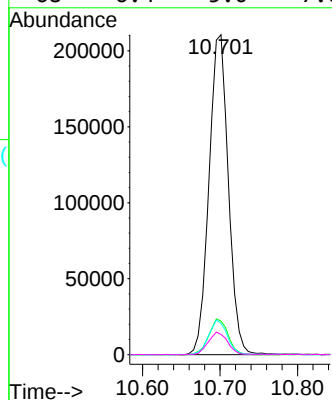
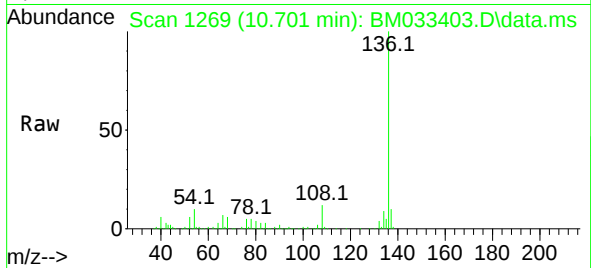




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.701 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033403.D
Acq: 10 Dec 2021 20:26

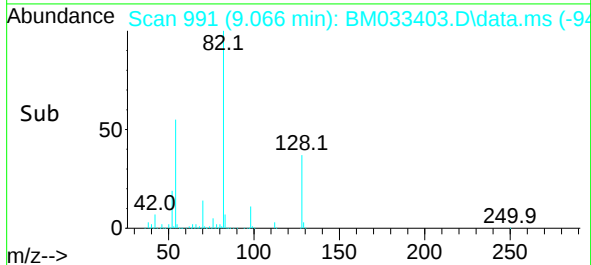
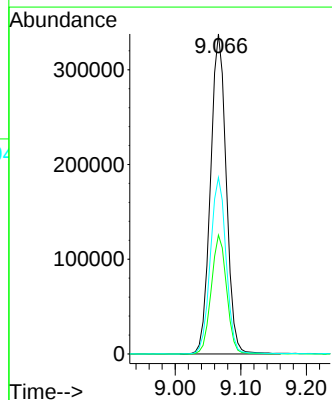
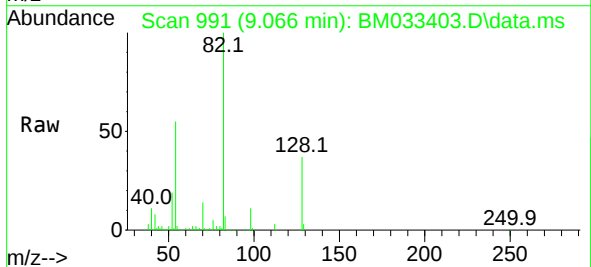
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-4

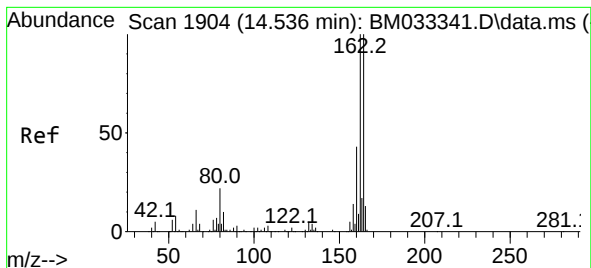
Tgt Ion:	136	Resp:	365397
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	9.8	8.3	12.5
68	6.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 65.459 ng
RT: 9.066 min Scan# 991
Delta R.T. -0.012 min
Lab File: BM033403.D
Acq: 10 Dec 2021 20:26

Tgt Ion:	82	Resp:	563316
Ion	Ratio	Lower	Upper
82	100		
128	37.1	28.1	42.1
54	55.2	46.1	69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.530 min Scan# 1904

Delta R.T. -0.006 min

Lab File: BM033403.D

Acq: 10 Dec 2021 20:26

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-4

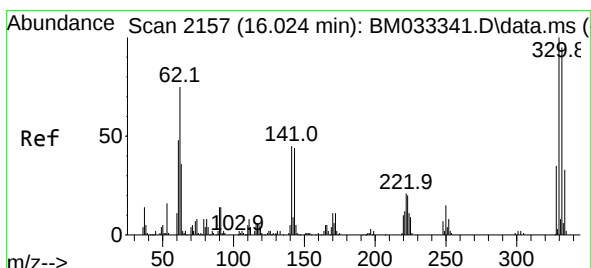
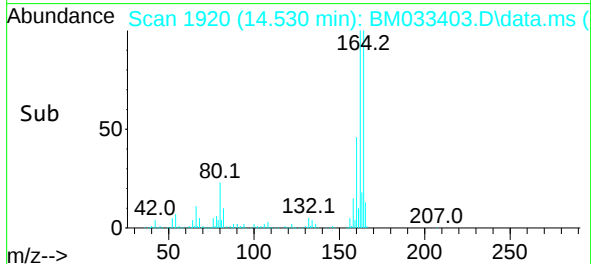
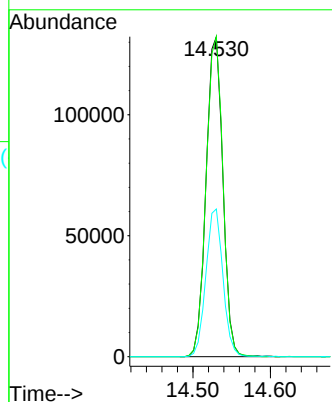
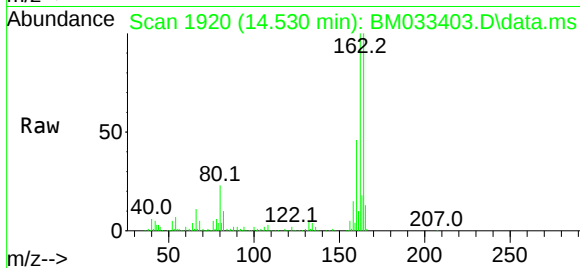
Tgt Ion:164 Resp: 199048

Ion Ratio Lower Upper

164 100

162 100.0 79.7 119.5

160 46.2 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 87.220 ng

RT: 16.012 min Scan# 2172

Delta R.T. -0.012 min

Lab File: BM033403.D

Acq: 10 Dec 2021 20:26

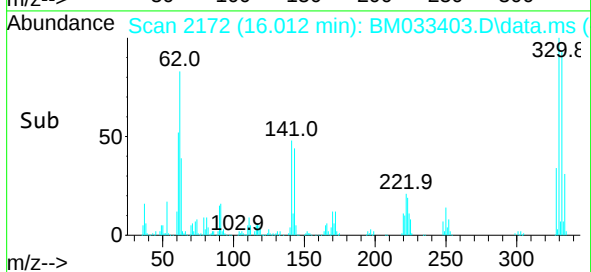
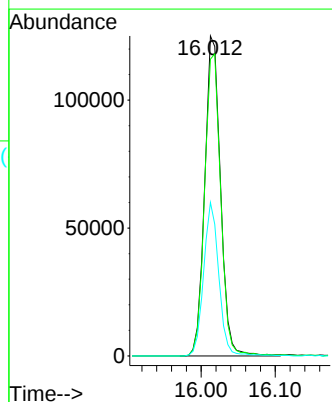
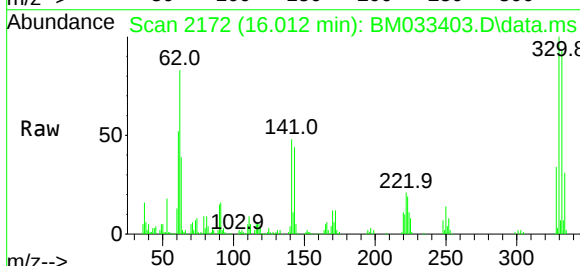
Tgt Ion:330 Resp: 185715

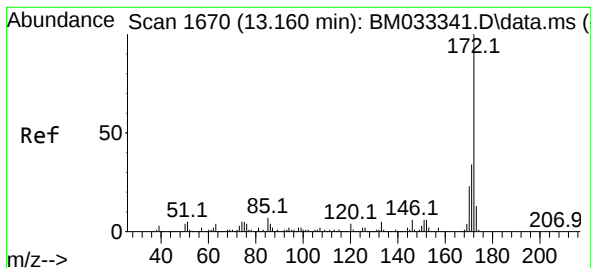
Ion Ratio Lower Upper

330 100

332 95.9 76.5 114.7

141 46.2 35.9 53.9





#45

2-Fluorobiphenyl

Concen: 73.255 ng

RT: 13.154 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM033403.D

Acq: 10 Dec 2021 20:26

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-4

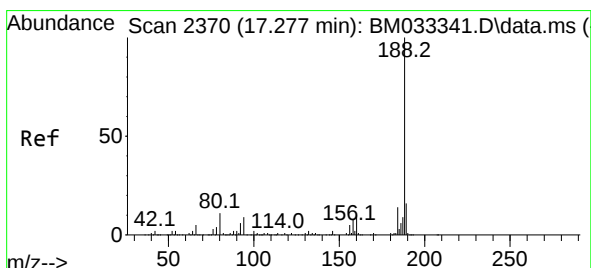
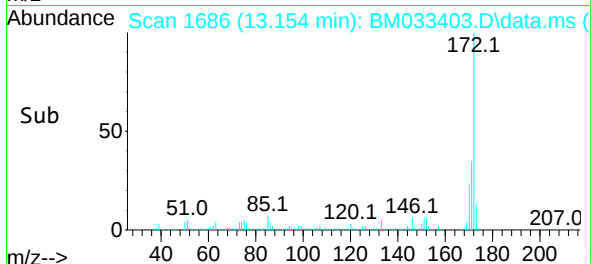
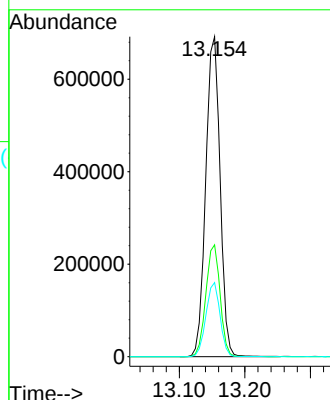
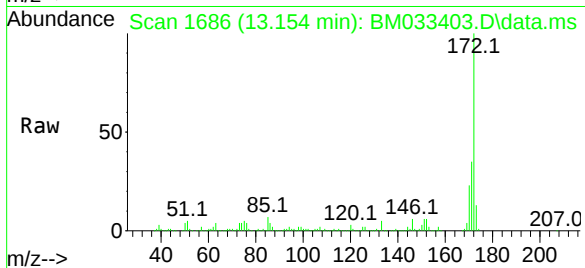
Tgt Ion:172 Resp: 1054133

Ion Ratio Lower Upper

172 100

171 35.0 27.2 40.8

170 23.2 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.265 min Scan# 2385

Delta R.T. -0.012 min

Lab File: BM033403.D

Acq: 10 Dec 2021 20:26

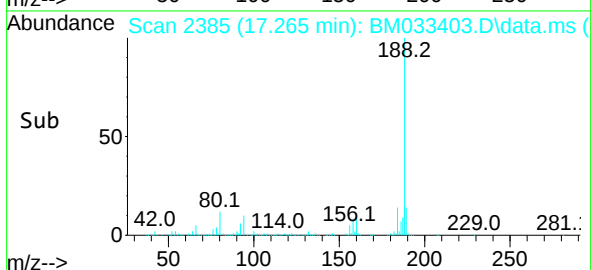
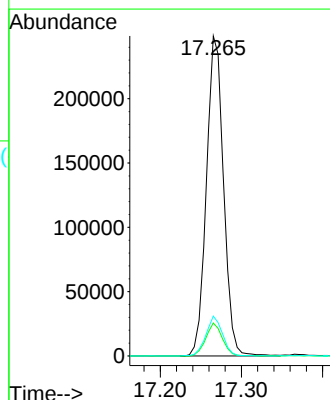
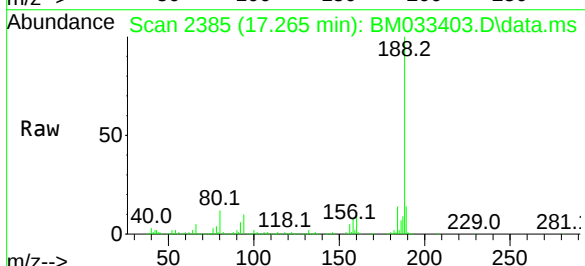
Tgt Ion:188 Resp: 363418

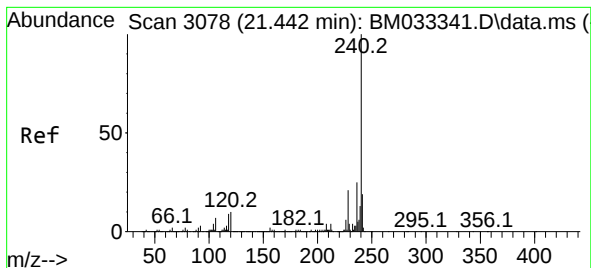
Ion Ratio Lower Upper

188 100

94 10.3 7.5 11.3

80 12.5 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.430 min Scan# 3078

Delta R.T. -0.012 min

Lab File: BM033403.D

Acq: 10 Dec 2021 20:26

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-4

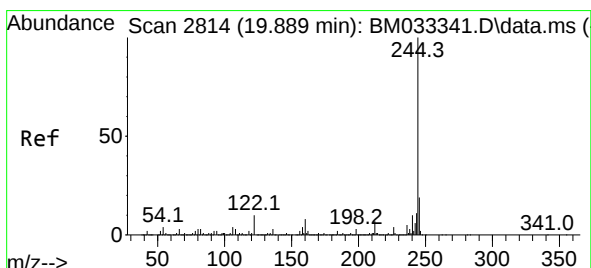
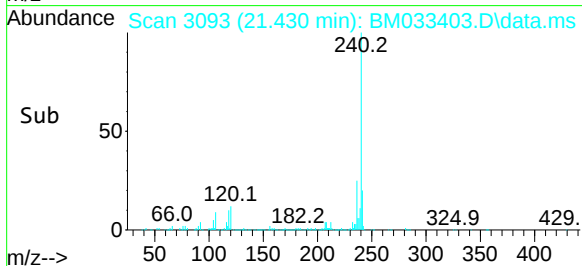
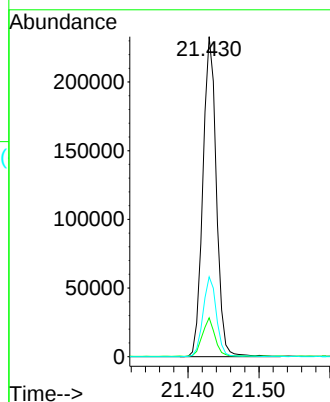
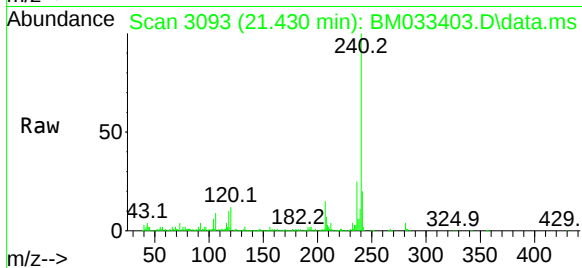
Tgt Ion:240 Resp: 309072

Ion Ratio Lower Upper

240 100

120 12.1 7.8 11.6#

236 24.9 20.3 30.5



#79

Terphenyl-d14

Concen: 72.383 ng

RT: 19.877 min Scan# 2829

Delta R.T. -0.012 min

Lab File: BM033403.D

Acq: 10 Dec 2021 20:26

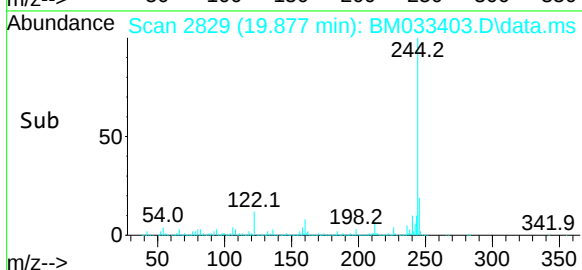
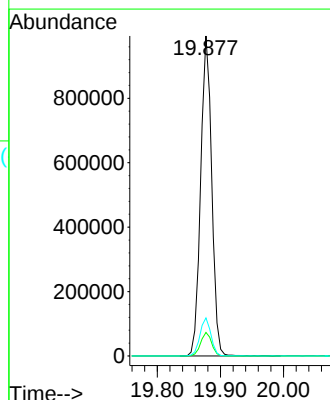
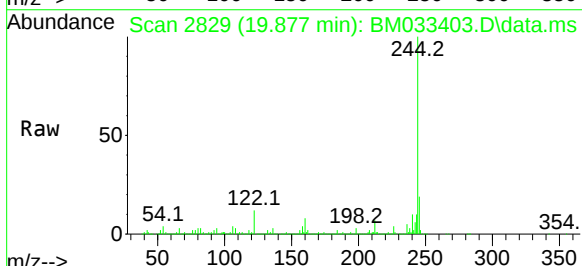
Tgt Ion:244 Resp: 1207528

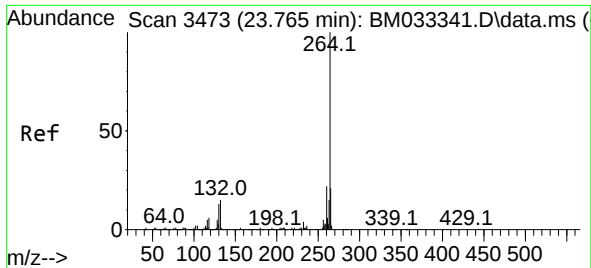
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.9 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.747 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM033403.D
Acq: 10 Dec 2021 20:26

Instrument :
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ClientSampleId :
PH1-BOT-4

Tgt Ion:264 Resp: 300753

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.7	26.5
265	23.3	17.7	26.5

