

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
 Data File : BM033672.D
 Acq On : 07 Jan 2022 17:08
 Operator : CG/JU
 Sample : N1051-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-2-(9-9.5)

Quant Time: Jan 08 06:53:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 17:07:26 2022
 Response via : Initial Calibration

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

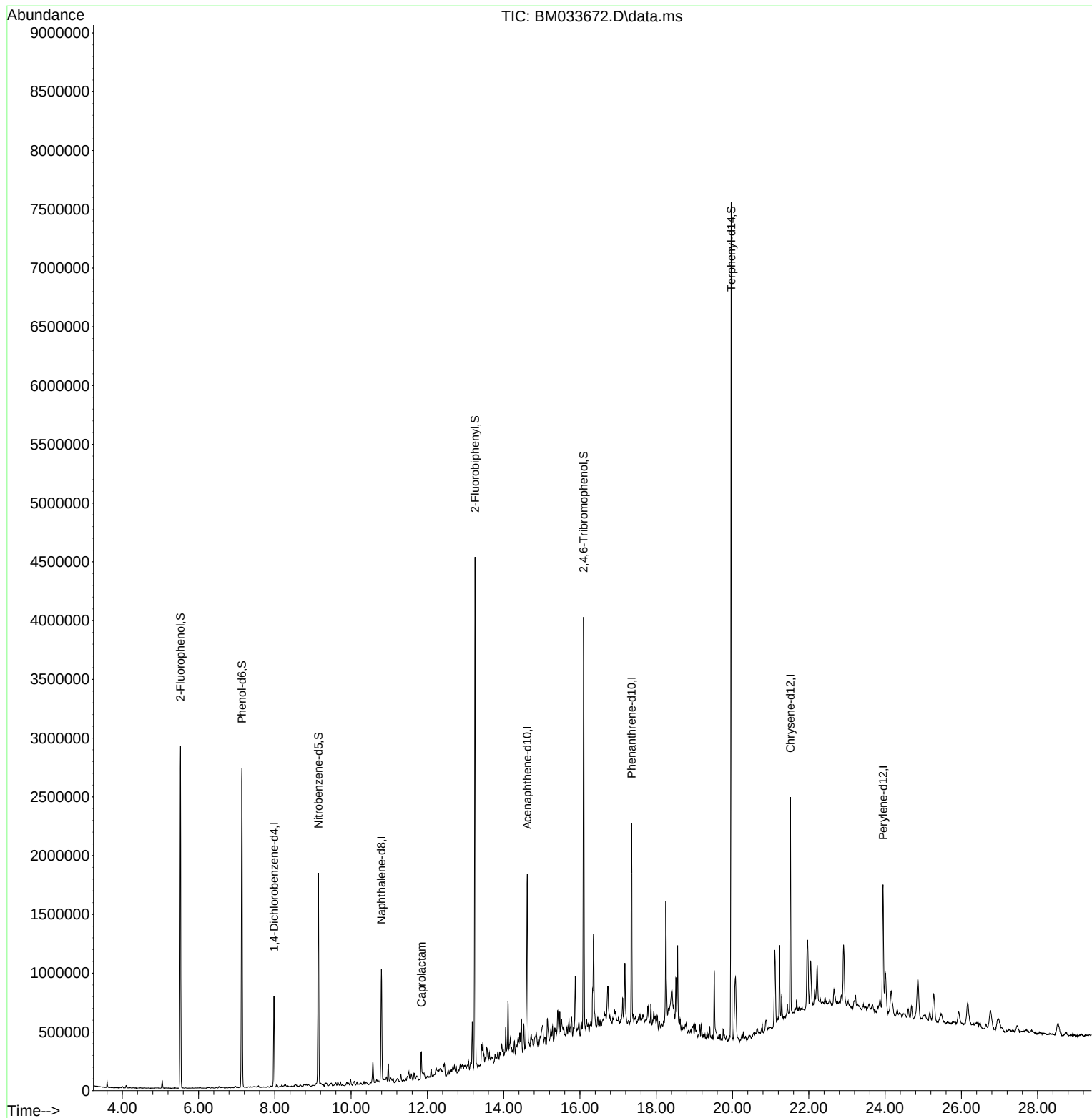
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	182591	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	740182	20.000	ng	-0.01
39) Acenaphthene-d10	14.619	164	467709	20.000	ng	0.00
64) Phenanthrene-d10	17.354	188	958949	20.000	ng	0.00
76) Chrysene-d12	21.518	240	884945	20.000	ng	0.00
86) Perylene-d12	23.947	264	783032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	1136535	98.169	ng	0.00
7) Phenol-d6	7.137	99	1436361	92.053	ng	0.00
23) Nitrobenzene-d5	9.142	82	972786	60.696	ng	-0.01
42) 2,4,6-Tribromophenol	16.095	330	595572	121.917	ng	-0.01
45) 2-Fluorobiphenyl	13.248	172	2095964	58.696	ng	-0.01
79) Terphenyl-d14	19.965	244	3170449	64.487	ng	0.00
Target Compounds						
9) Benzaldehyde	7.137	77	3406	Below Cal	#	16
35) Caprolactam	11.842	113	9201	2.826 ng	#	59

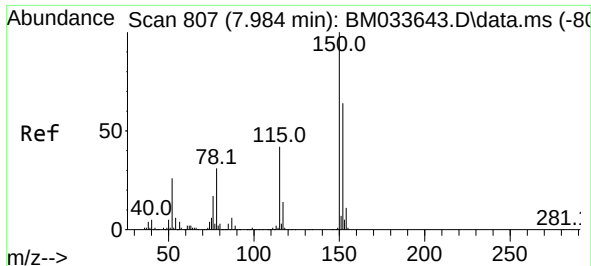
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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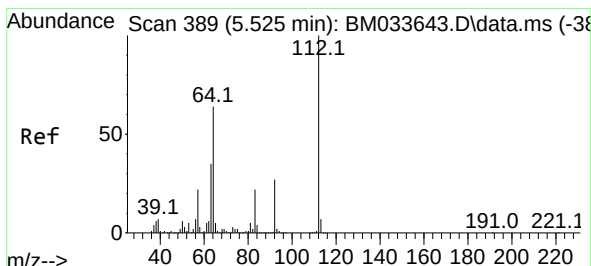
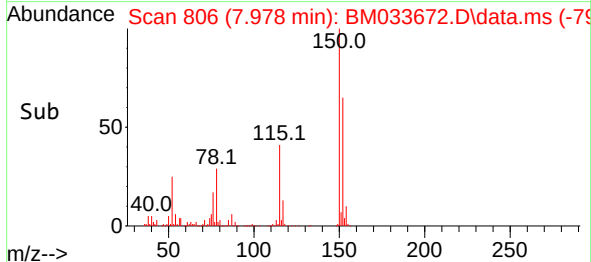
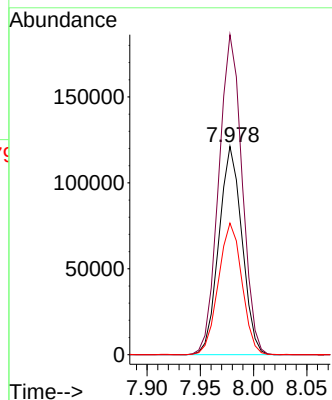
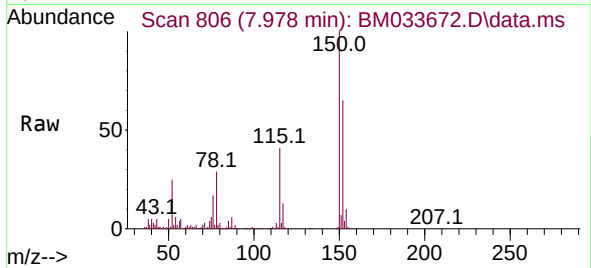




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM033672.D
Acq: 07 Jan 2022 17:08

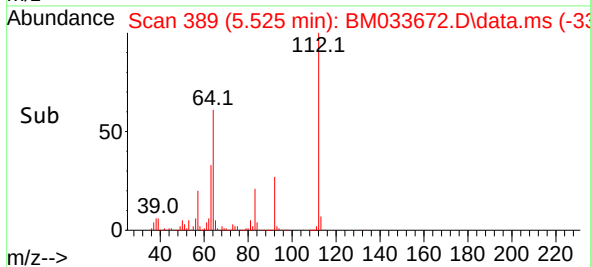
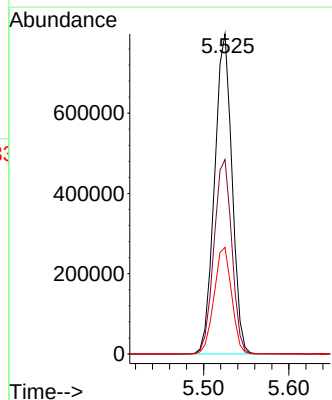
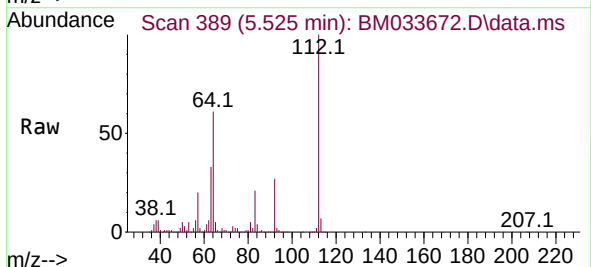
Instrument :
BNA_M
ClientSampleId :
SB-2-(9-9.5)

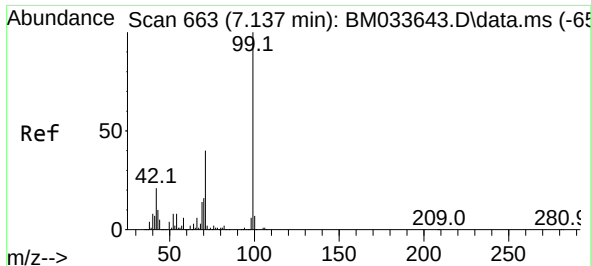
Tgt Ion:152 Resp: 182591
Ion Ratio Lower Upper
152 100
150 153.6 128.9 193.3
115 63.1 53.0 79.6



#5
2-Fluorophenol
Concen: 98.169 ng
RT: 5.525 min Scan# 389
Delta R.T. 0.000 min
Lab File: BM033672.D
Acq: 07 Jan 2022 17:08

Tgt Ion:112 Resp: 1136535
Ion Ratio Lower Upper
112 100
64 60.8 55.5 83.3
63 33.3 31.3 46.9

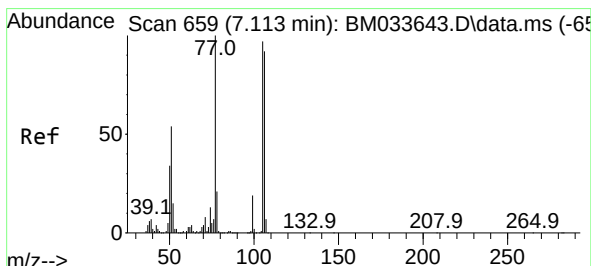
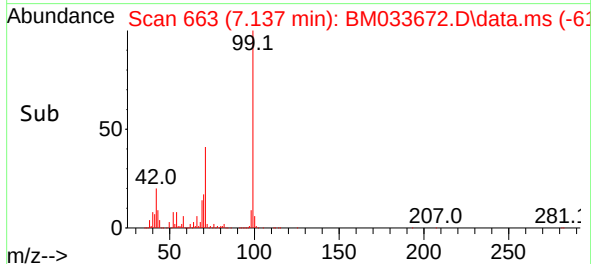
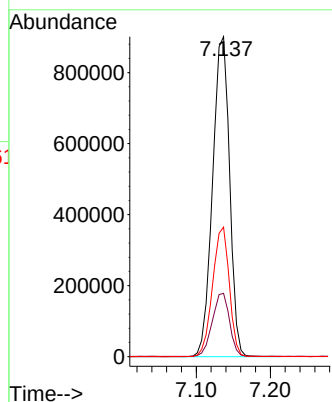
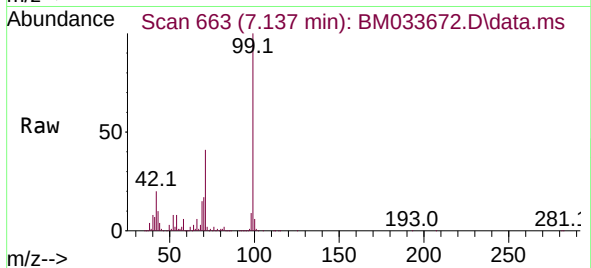




#7
Phenol-d6
Concen: 92.053 ng
RT: 7.137 min Scan# 663
Delta R.T. 0.000 min
Lab File: BM033672.D
Acq: 07 Jan 2022 17:08

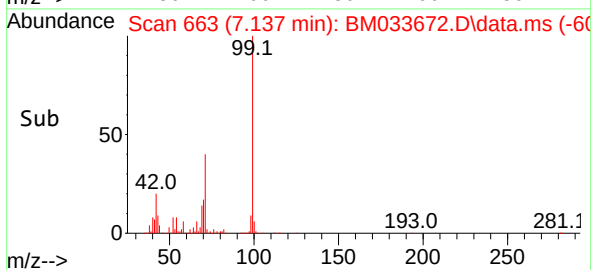
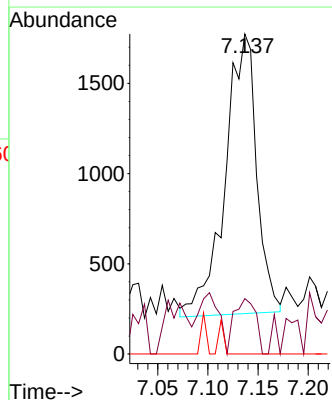
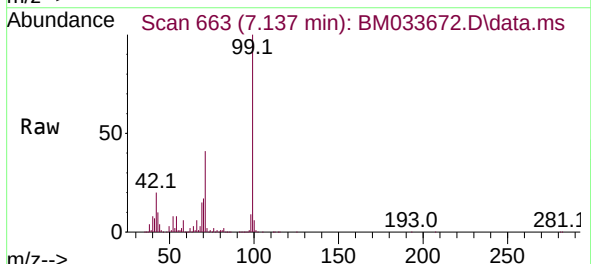
Instrument :
BNA_M
ClientSampleId :
SB-2-(9-9.5)

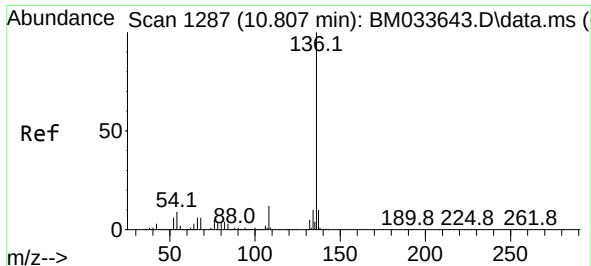
Tgt Ion: 99 Resp: 1436361
Ion Ratio Lower Upper
99 100
42 19.8 20.3 30.5#
71 40.5 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.137 min Scan# 663
Delta R.T. 0.024 min
Lab File: BM033672.D
Acq: 07 Jan 2022 17:08

Tgt Ion: 77 Resp: 3406
Ion Ratio Lower Upper
77 100
105 17.3 67.1 107.1#
106 0.0 64.3 104.3#

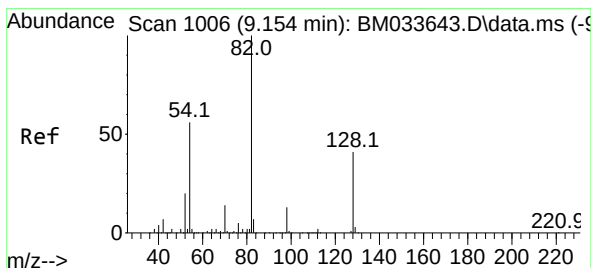
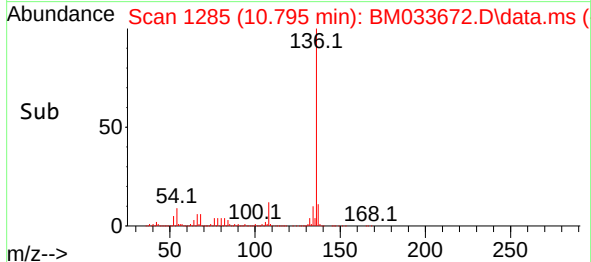
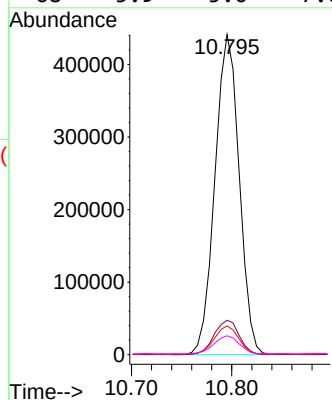
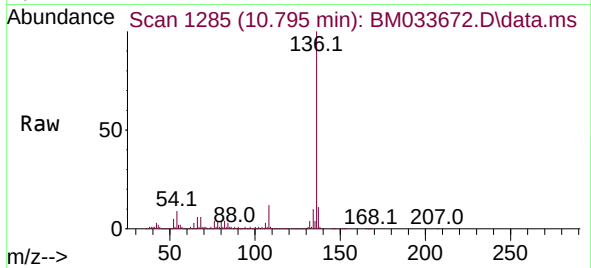




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033672.D
Acq: 07 Jan 2022 17:08

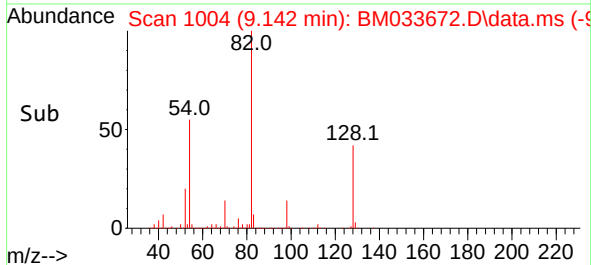
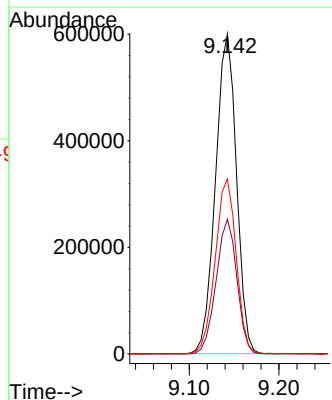
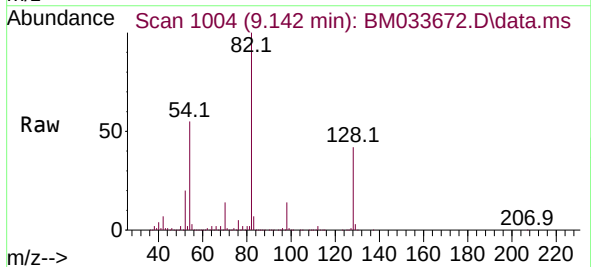
Instrument :
BNA_M
ClientSampleId :
SB-2-(9-9.5)

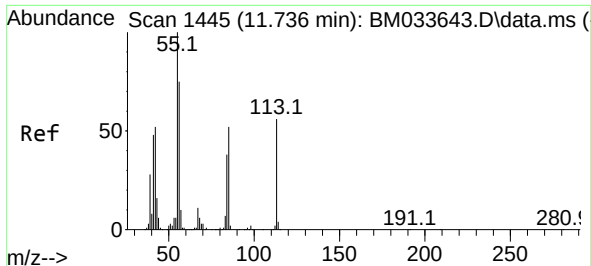
Tgt Ion:136 Resp: 740182
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 8.3 12.5
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 60.696 ng
RT: 9.142 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BM033672.D
Acq: 07 Jan 2022 17:08

Tgt Ion: 82 Resp: 972786
Ion Ratio Lower Upper
82 100
128 42.1 28.1 42.1
54 54.7 46.1 69.1

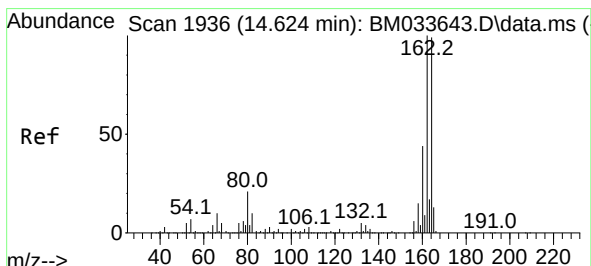
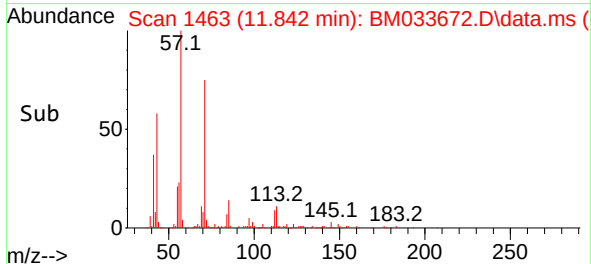
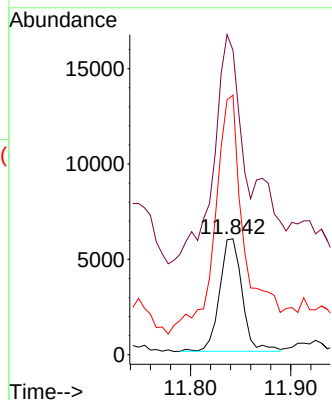
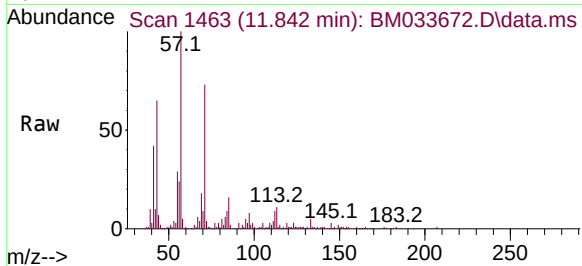




#35
 Caprolactam
 Concen: 2.826 ng
 RT: 11.842 min Scan# 1445
 Delta R.T. 0.106 min
 Lab File: BM033672.D
 Acq: 07 Jan 2022 17:08

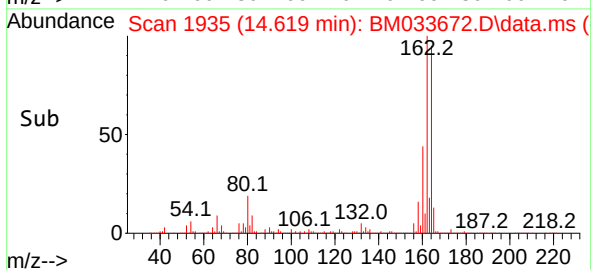
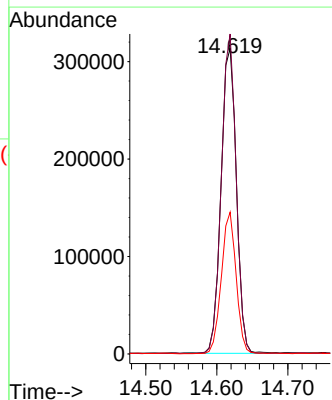
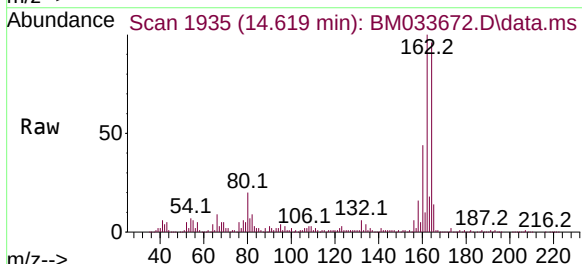
Instrument :
 BNA_M
 ClientSampleId :
 SB-2-(9-9.5)

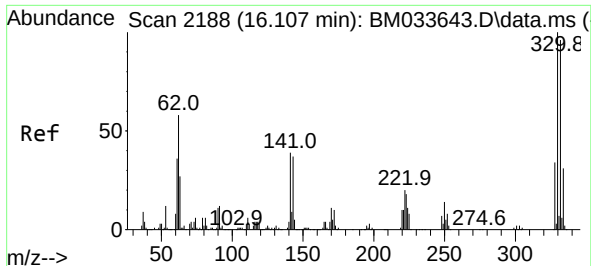
Tgt Ion:113 Resp: 9201
 Ion Ratio Lower Upper
 113 100
 55 262.6 183.6 223.6#
 56 223.9 143.7 183.7#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.619 min Scan# 1935
 Delta R.T. -0.006 min
 Lab File: BM033672.D
 Acq: 07 Jan 2022 17:08

Tgt Ion:164 Resp: 467709
 Ion Ratio Lower Upper
 164 100
 162 104.6 79.7 119.5
 160 46.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 121.917 ng

RT: 16.095 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM033672.D

Acq: 07 Jan 2022 17:08

Instrument :

BNA_M

ClientSampleId :

SB-2-(9-9.5)

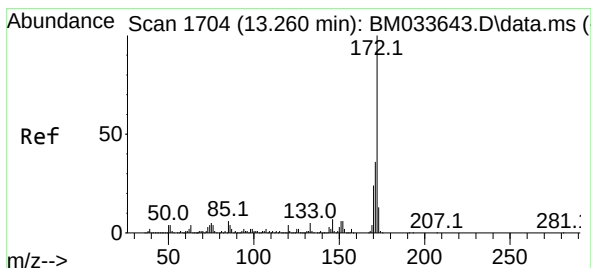
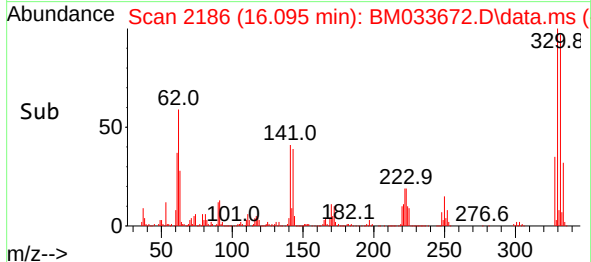
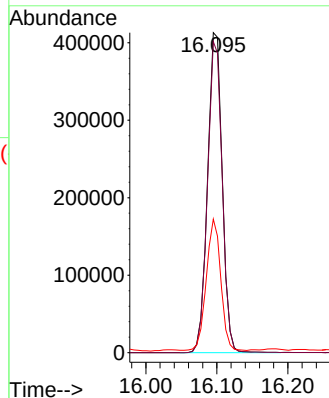
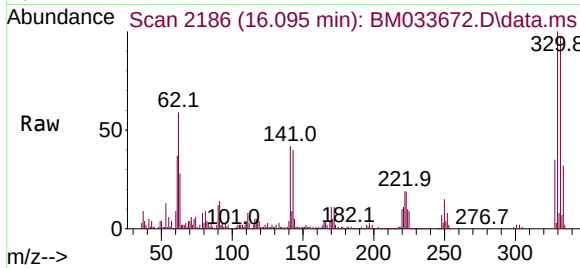
Tgt Ion:330 Resp: 595572

Ion Ratio Lower Upper

330 100

332 96.9 76.5 114.7

141 40.2 35.9 53.9



#45

2-Fluorobiphenyl

Concen: 58.696 ng

RT: 13.248 min Scan# 1702

Delta R.T. -0.012 min

Lab File: BM033672.D

Acq: 07 Jan 2022 17:08

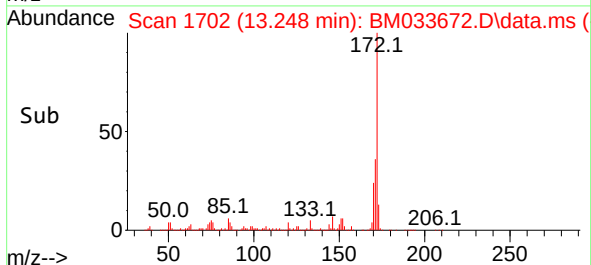
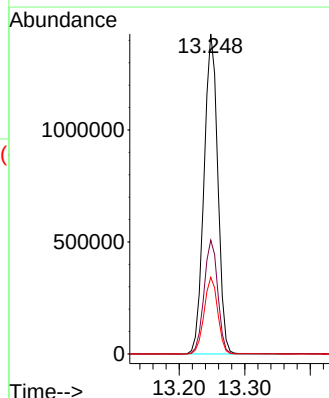
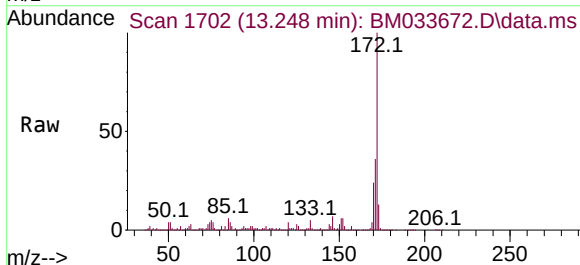
Tgt Ion:172 Resp: 2095964

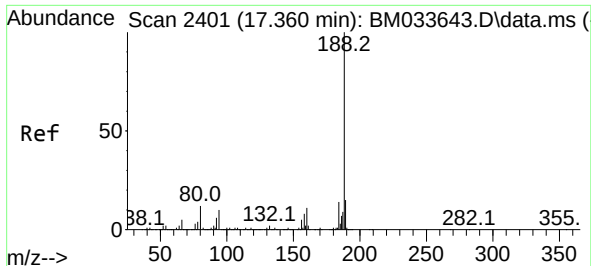
Ion Ratio Lower Upper

172 100

171 35.6 27.2 40.8

170 24.0 18.7 28.1

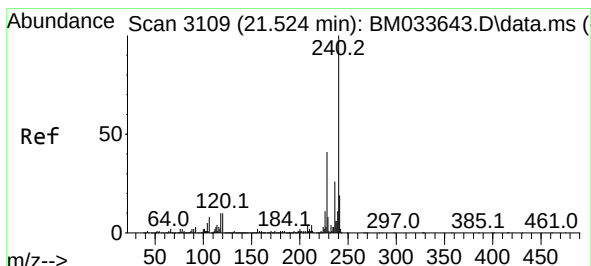
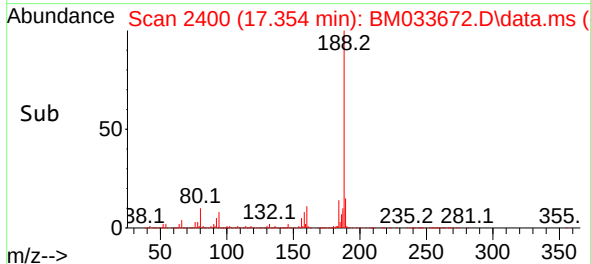
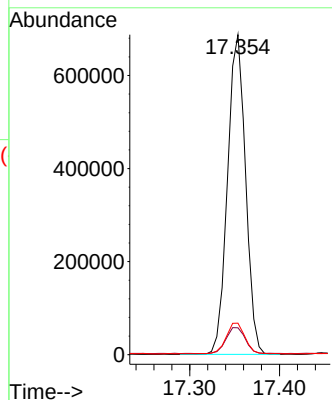
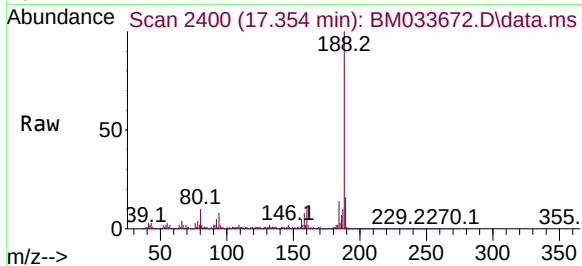




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM033672.D
Acq: 07 Jan 2022 17:08

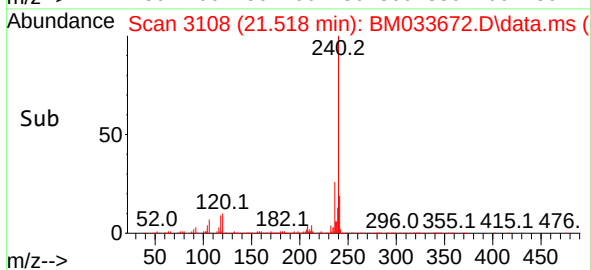
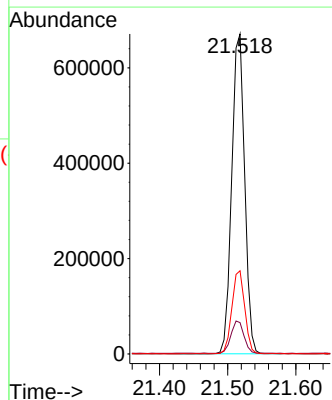
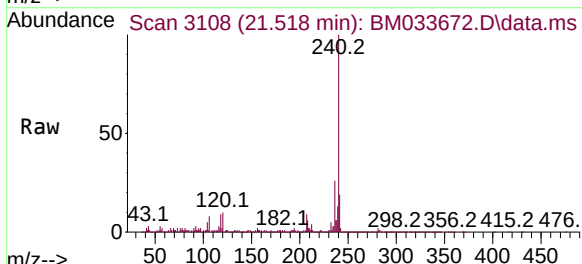
Instrument :
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SB-2-(9-9.5)

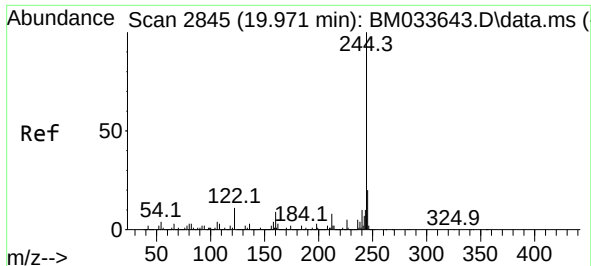
Tgt Ion:188 Resp: 958949
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 9.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM033672.D
Acq: 07 Jan 2022 17:08

Tgt Ion:240 Resp: 884945
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 26.0 20.3 30.5

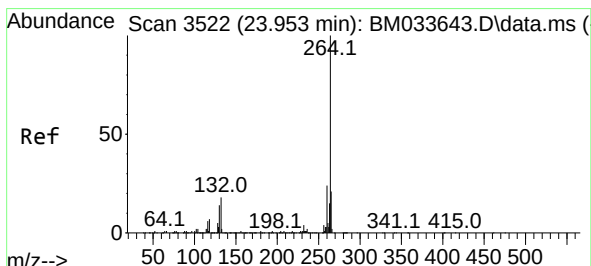
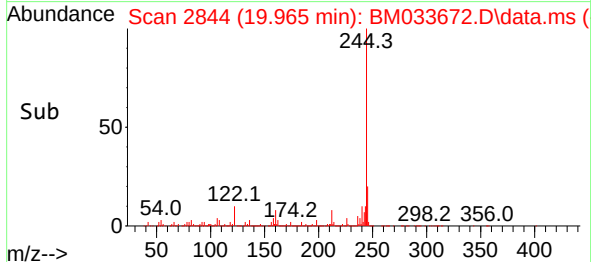
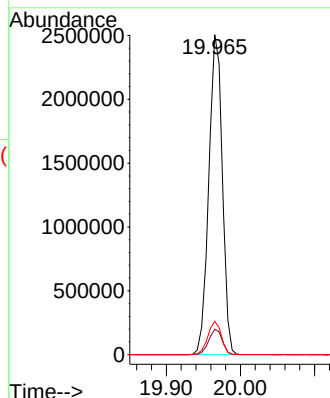
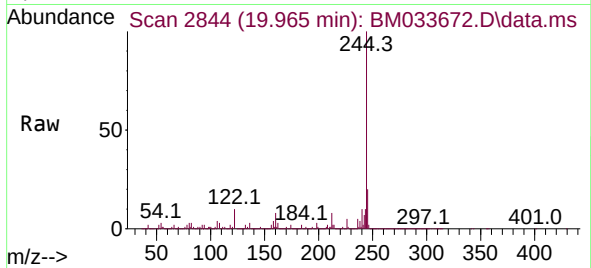




#79
Terphenyl-d14
Concen: 64.487 ng
RT: 19.965 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033672.D
Acq: 07 Jan 2022 17:08

Instrument :
BNA_M
ClientSampleId :
SB-2-(9-9.5)

Tgt Ion:244 Resp: 3170449
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 10.4 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.947 min Scan# 3521
Delta R.T. -0.006 min
Lab File: BM033672.D
Acq: 07 Jan 2022 17:08

Tgt Ion:264 Resp: 783032
Ion Ratio Lower Upper
264 100
260 24.1 17.7 26.5
265 22.2 17.7 26.5

