

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033323.D
 Acq On : 06 Dec 2021 21:37
 Operator : CG/JU
 Sample : M4918-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP120221

Quant Time: Dec 07 03:09:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 13:01:33 2021
 Response via : Initial Calibration

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

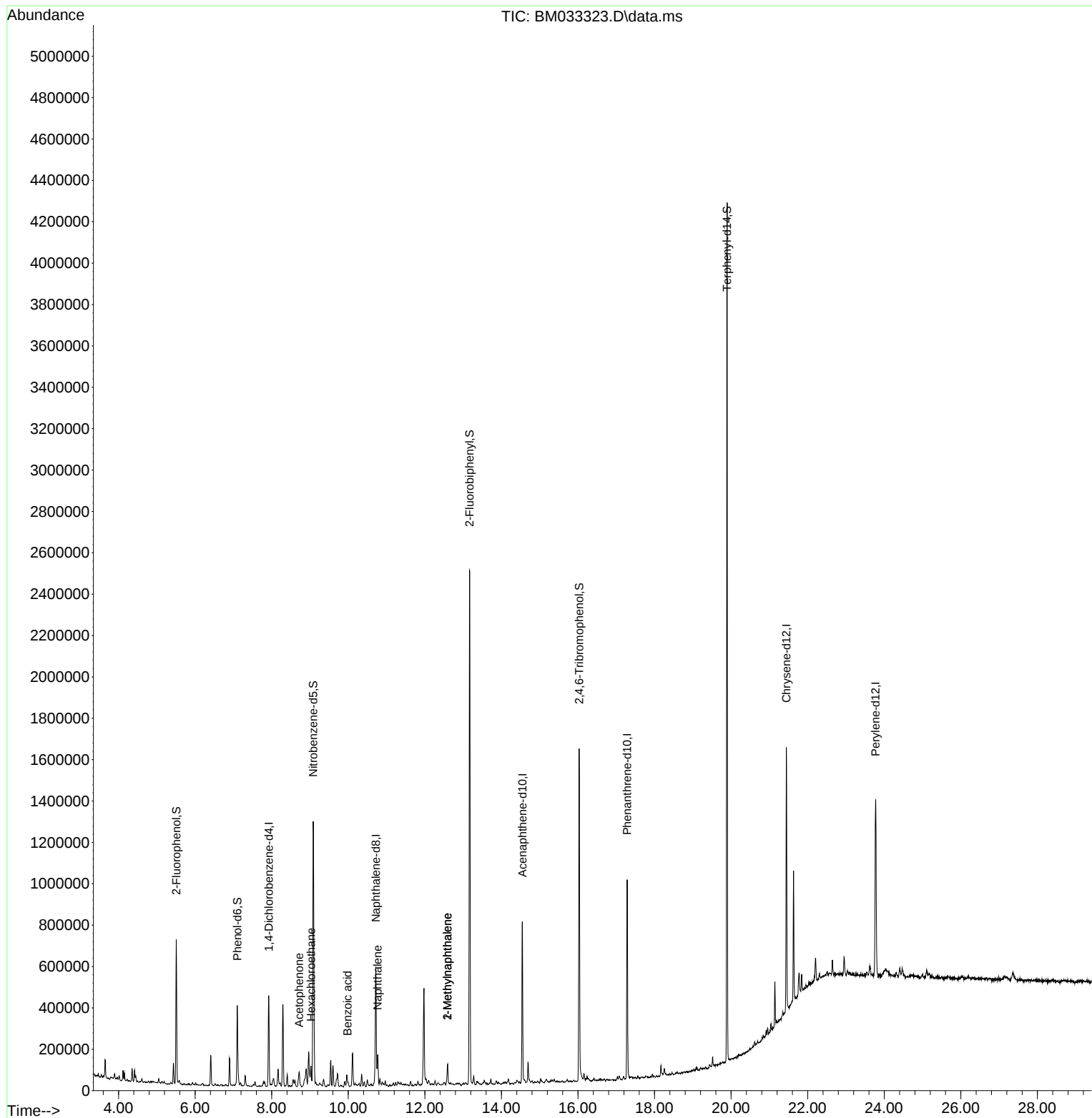
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	112581	20.000	ng	-0.01
21) Naphthalene-d8	10.719	136	441015	20.000	ng	#-0.02
39) Acenaphthene-d10	14.548	164	260744	20.000	ng	-0.01
64) Phenanthrene-d10	17.283	188	550346	20.000	ng	#-0.01
76) Chrysene-d12	21.442	240	593322	20.000	ng	#-0.01
86) Perylene-d12	23.771	264	615100	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	267160	39.188	ng	0.00
7) Phenol-d6	7.102	99	201919	22.115	ng	0.00
23) Nitrobenzene-d5	9.084	82	710504	74.791	ng	-0.02
42) 2,4,6-Tribromophenol	16.031	330	245989	86.544	ng	-0.01
45) 2-Fluorobiphenyl	13.172	172	1268261	68.597	ng	-0.01
79) Terphenyl-d14	19.895	244	1853035	61.757	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.066	77	2723	Below Cal	#	1
18) Hexachloroethane	9.025	117	25430	8.209	ng	# 26
22) Acetophenone	8.719	105	47036	4.144	ng	# 56
31) Naphthalene	10.766	128	80647	3.467	ng	97
32) Benzoic acid	9.978	122	1195	5.499	ng	# 73
37) 2-Methylnaphthalene	12.590	142	39708	2.507	ng	97
38) 1-Methylnaphthalene	12.590	142	39782	2.575	ng	94

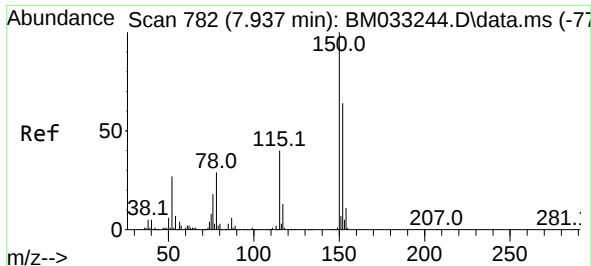
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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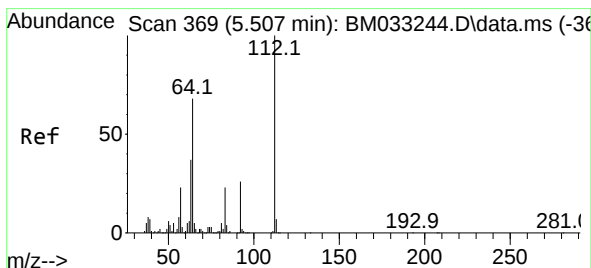
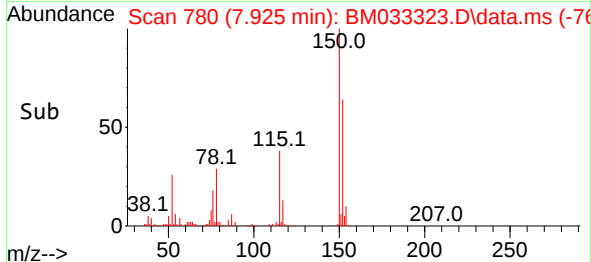
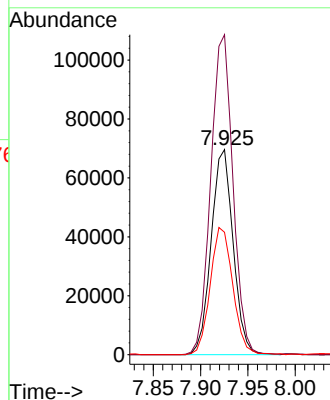
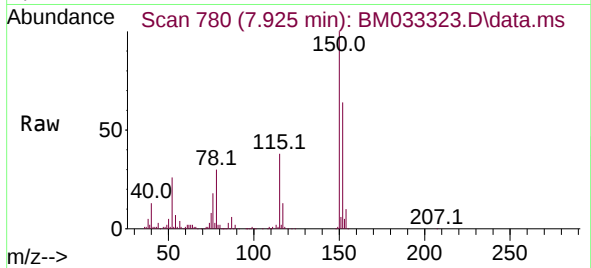




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

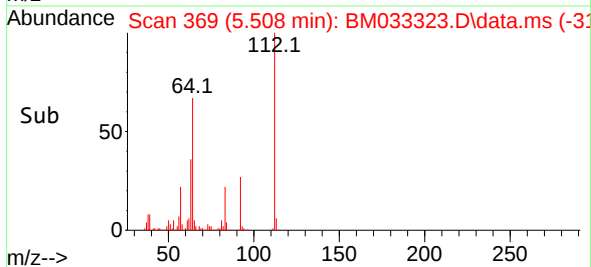
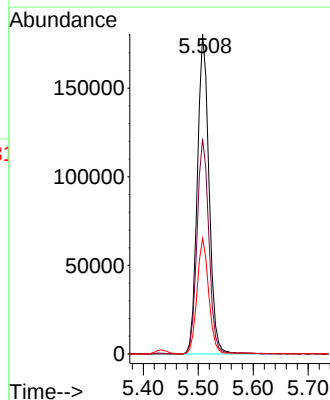
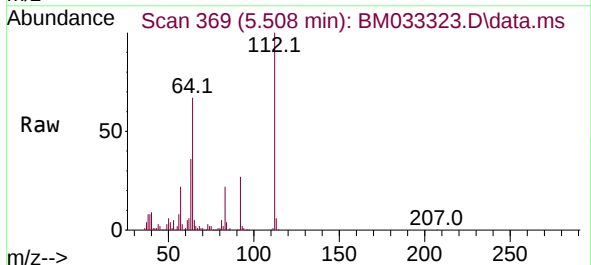
Instrument :
BNA_M
ClientSampleId :
DUP120221

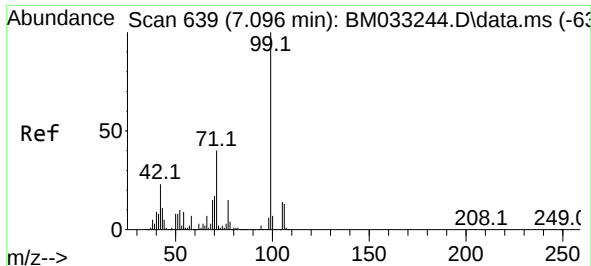
Tgt Ion:152 Resp: 112581
Ion Ratio Lower Upper
152 100
150 156.0 122.4 183.6
115 59.7 53.8 80.8



#5
2-Fluorophenol
Concen: 39.188 ng
RT: 5.508 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

Tgt Ion:112 Resp: 267160
Ion Ratio Lower Upper
112 100
64 67.3 53.7 80.5
63 36.1 33.9 50.9

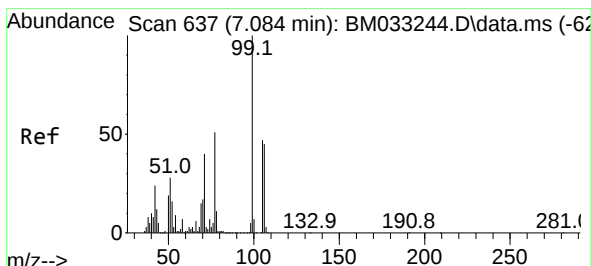
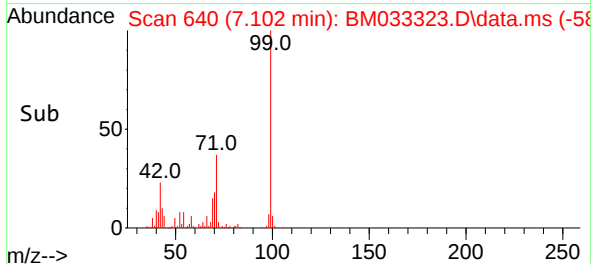
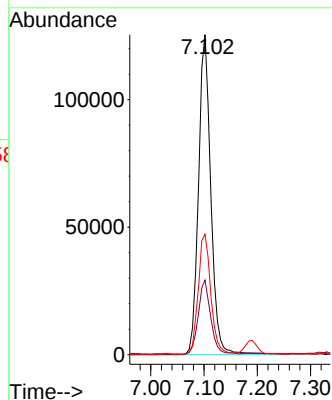
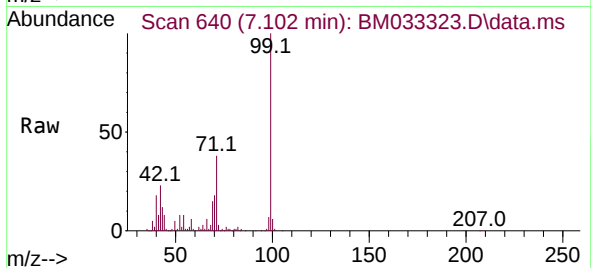




#7
Phenol-d6
Concen: 22.115 ng
RT: 7.102 min Scan# 640
Delta R.T. 0.006 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

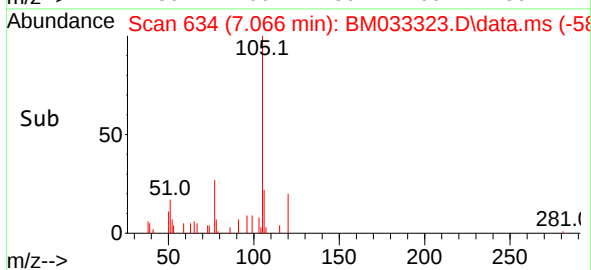
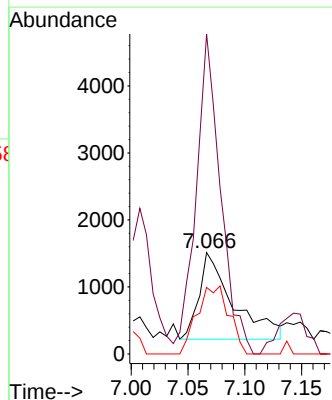
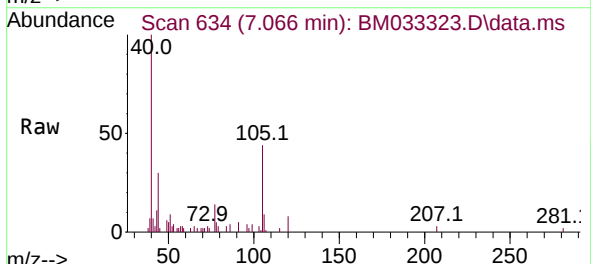
Instrument :
BNA_M
ClientSampleId :
DUP120221

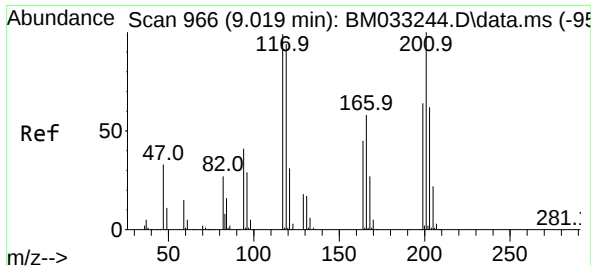
Tgt Ion: 99 Resp: 201919
Ion Ratio Lower Upper
99 100
42 23.3 23.0 34.6
71 37.7 37.8 56.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.066 min Scan# 634
Delta R.T. -0.018 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

Tgt Ion: 77 Resp: 2723
Ion Ratio Lower Upper
77 100
105 315.6 68.9 108.9#
106 65.7 61.2 101.2

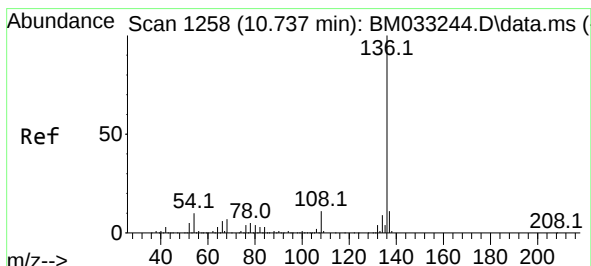
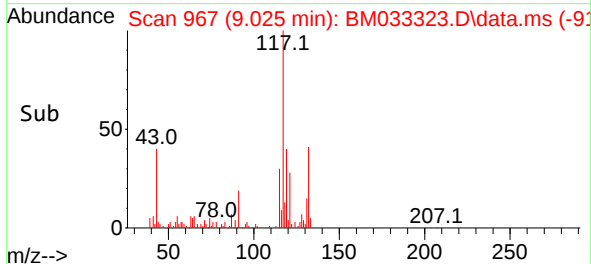
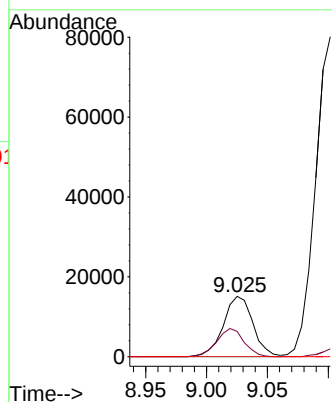
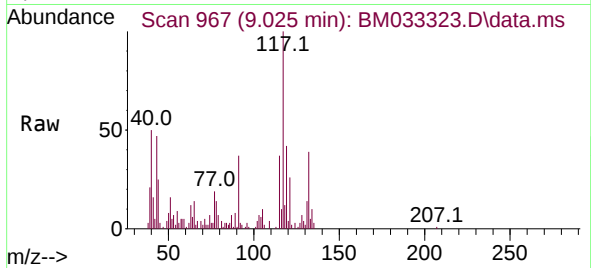




#18
Hexachloroethane
Concen: 8.209 ng
RT: 9.025 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

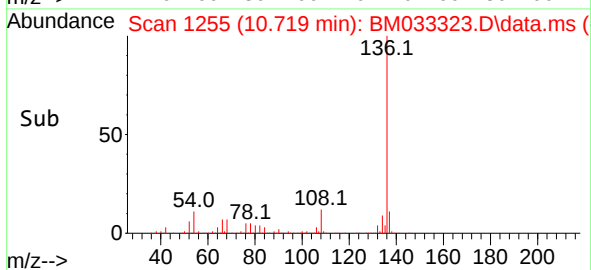
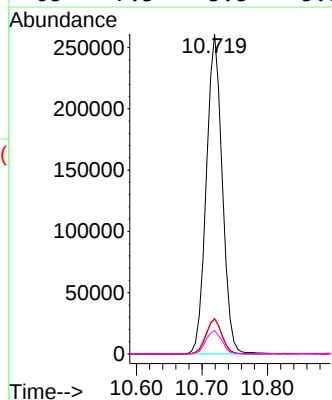
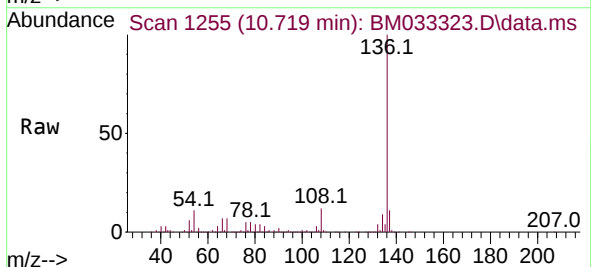
Instrument :
BNA_M
ClientSampleId :
DUP120221

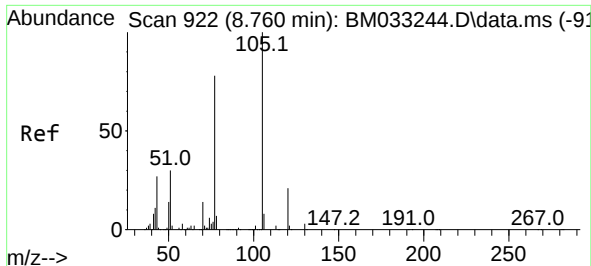
Tgt Ion:117 Resp: 25430
Ion Ratio Lower Upper
117 100
119 42.1 77.7 116.5#
201 0.0 70.2 105.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

Tgt Ion:136 Resp: 441015
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 11.1 7.4 11.0#
68 7.3 3.8 5.8#

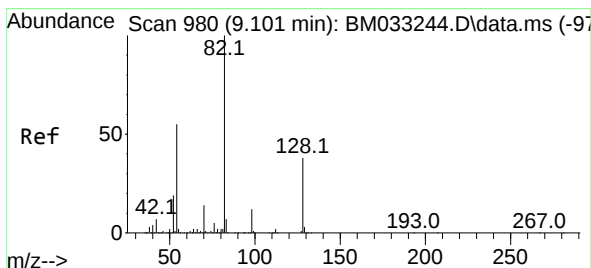
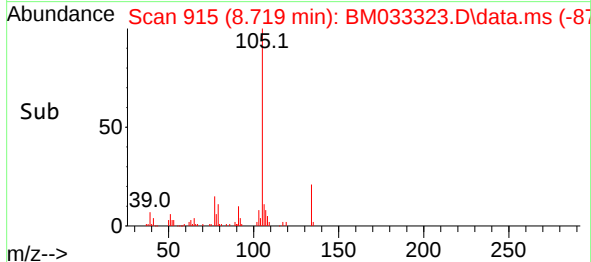
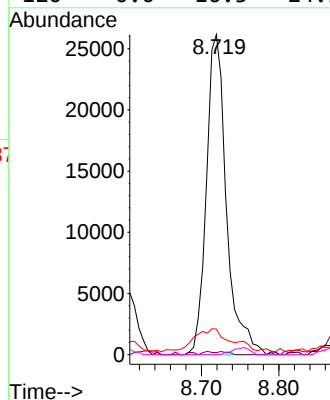
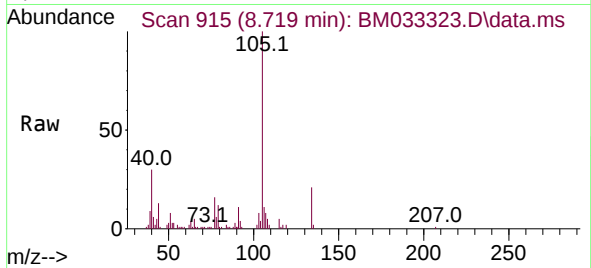




#22
Acetophenone
Concen: 4.144 ng
RT: 8.719 min Scan# 915
Delta R.T. -0.041 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

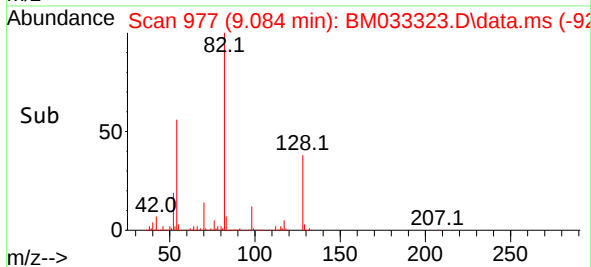
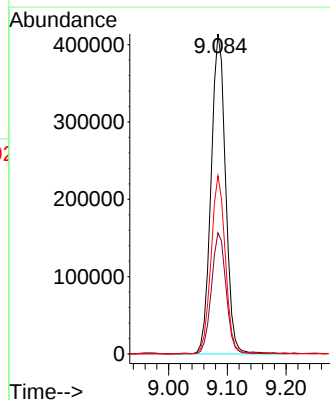
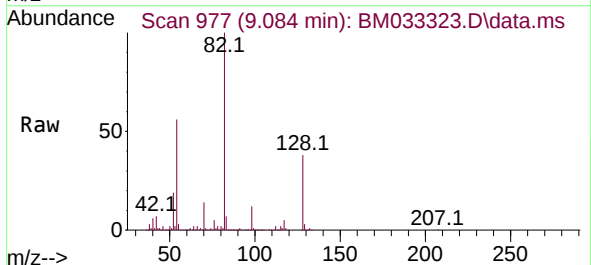
Instrument :
BNA_M
ClientSampleId :
DUP120221

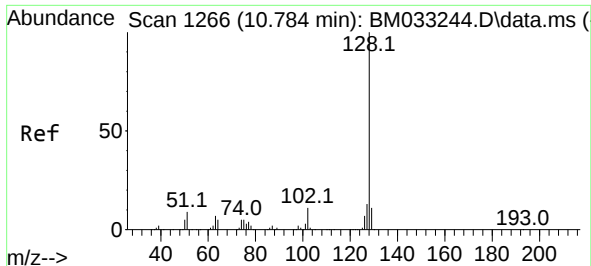
Tgt Ion:105 Resp: 47036
Ion Ratio Lower Upper
105 100
71 0.6 3.8 5.6#
51 8.0 29.5 44.3#
120 0.0 16.3 24.5#



#23
Nitrobenzene-d5
Concen: 74.791 ng
RT: 9.084 min Scan# 977
Delta R.T. -0.017 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

Tgt Ion: 82 Resp: 710504
Ion Ratio Lower Upper
82 100
128 37.9 29.0 43.6
54 55.7 45.8 68.8

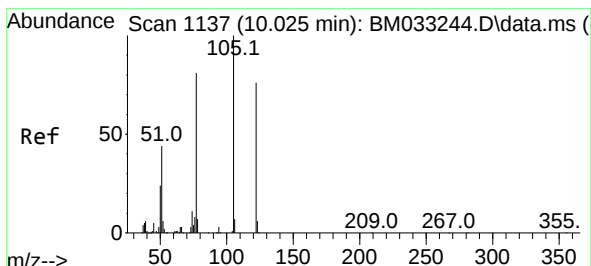
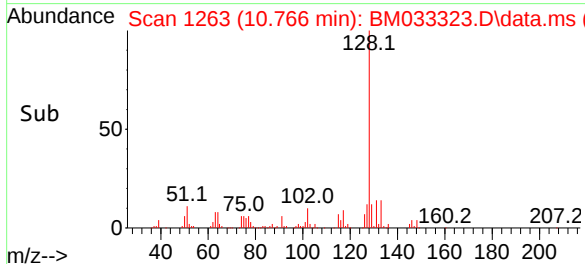
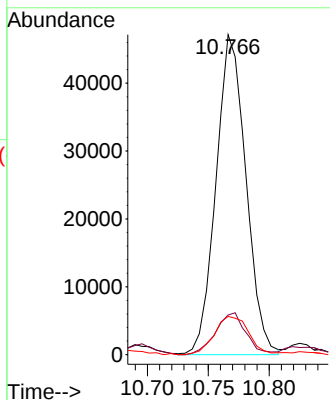
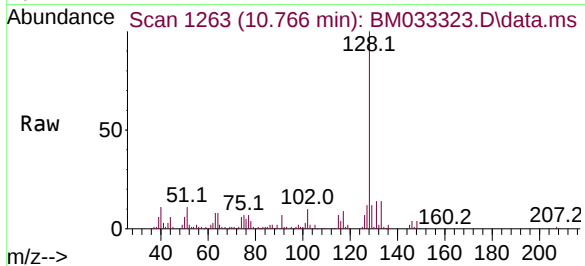




#31
Naphthalene
Concen: 3.467 ng
RT: 10.766 min Scan# 1129
Delta R.T. -0.017 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

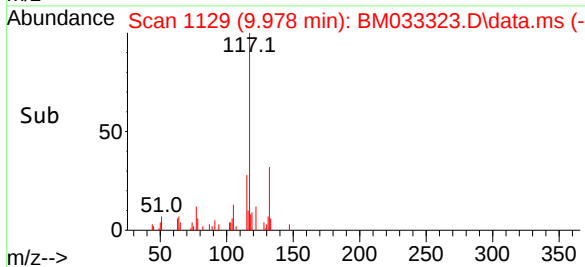
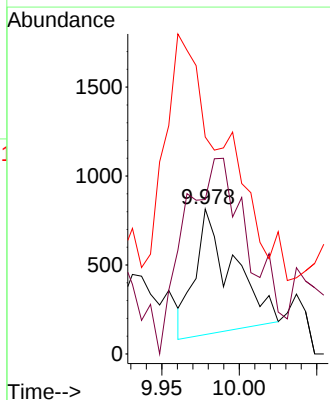
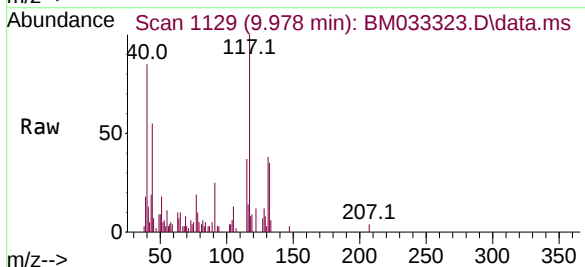
Instrument :
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ClientSampleId :
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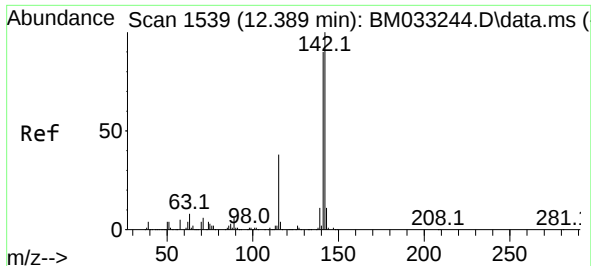
Tgt Ion:128 Resp: 80647
Ion Ratio Lower Upper
128 100
129 12.4 8.6 13.0
127 11.9 10.4 15.6



#32
Benzoic acid
Concen: 5.499 ng
RT: 9.978 min Scan# 1129
Delta R.T. -0.047 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

Tgt Ion:122 Resp: 1195
Ion Ratio Lower Upper
122 100
105 106.5 120.3 160.3#
77 149.7 100.0 140.0#





#37

2-Methylnaphthalene

Concen: 2.507 ng

RT: 12.590 min Scan# 1

Delta R.T. 0.200 min

Lab File: BM033323.D

Acq: 06 Dec 2021 21:37

Instrument :

BNA_M

ClientSampleId :

DUP120221

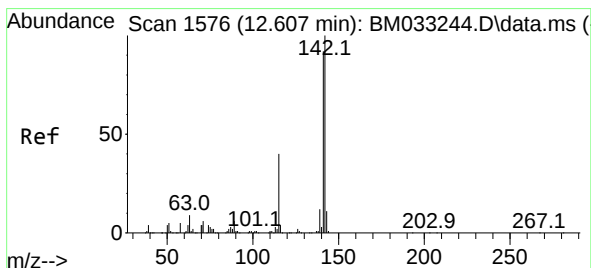
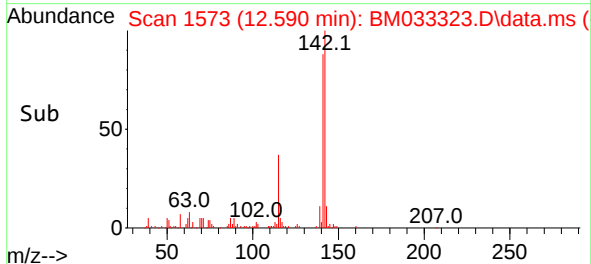
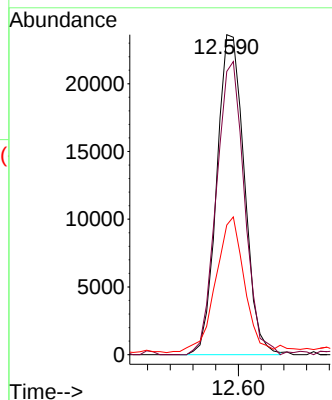
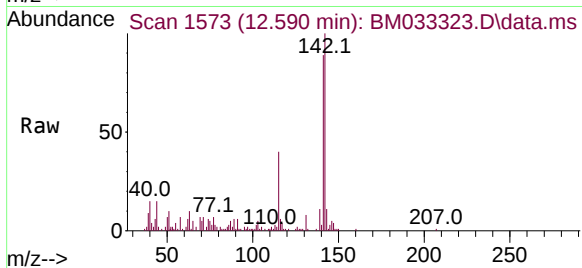
Tgt Ion:142 Resp: 39708

Ion Ratio Lower Upper

142 100

141 88.5 71.8 107.6

115 40.5 36.3 54.5



#38

1-Methylnaphthalene

Concen: 2.575 ng

RT: 12.590 min Scan# 1573

Delta R.T. -0.017 min

Lab File: BM033323.D

Acq: 06 Dec 2021 21:37

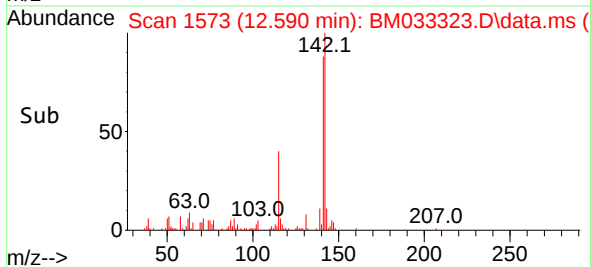
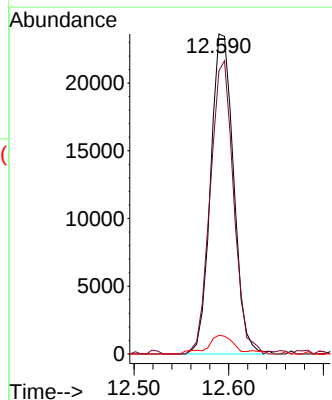
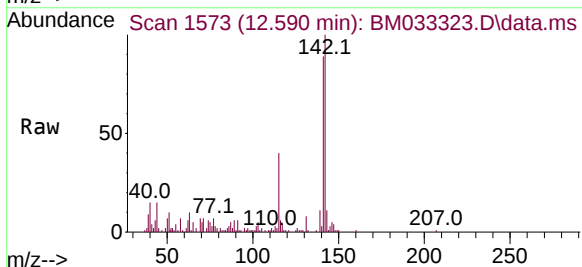
Tgt Ion:142 Resp: 39782

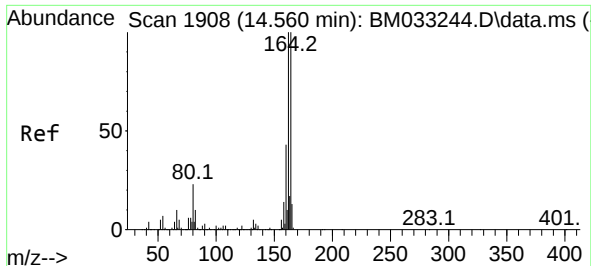
Ion Ratio Lower Upper

142 100

141 88.5 75.6 113.4

116 5.9 4.0 6.0

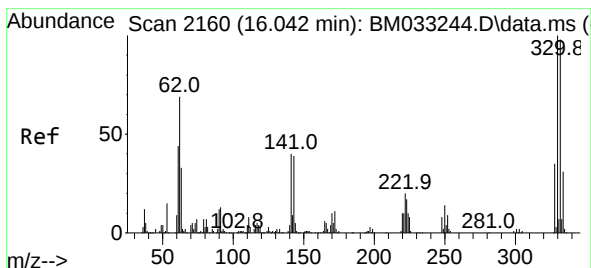
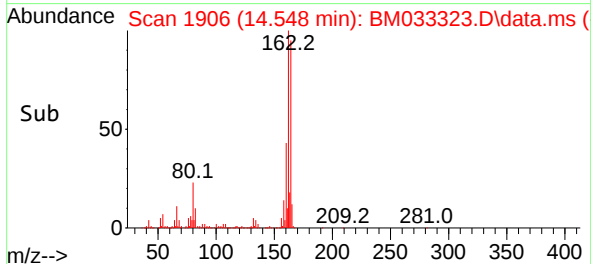
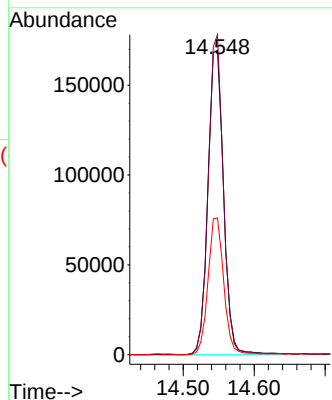
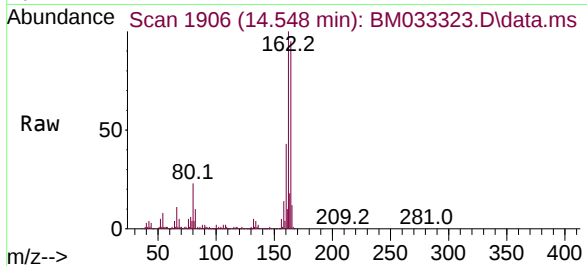




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

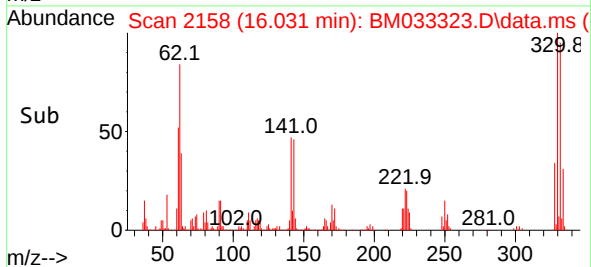
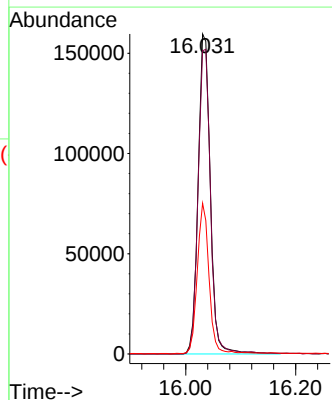
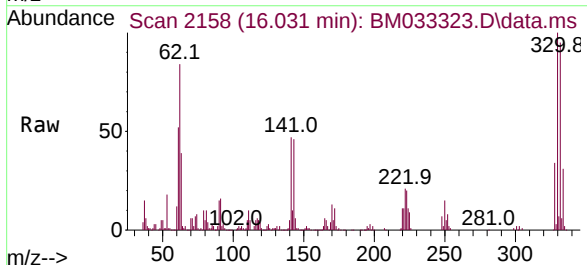
Instrument :
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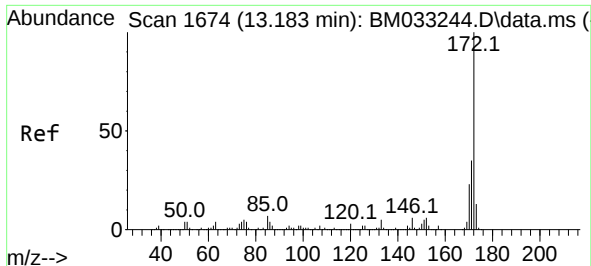
Tgt Ion:164 Resp: 260744
Ion Ratio Lower Upper
164 100
162 105.2 80.6 121.0
160 45.0 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 86.544 ng
RT: 16.031 min Scan# 2158
Delta R.T. -0.012 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

Tgt Ion:330 Resp: 245989
Ion Ratio Lower Upper
330 100
332 96.0 75.7 113.5
141 46.0 50.7 76.1#

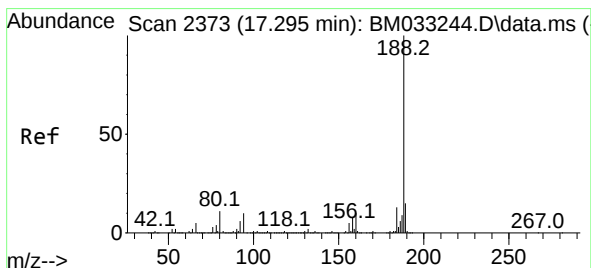
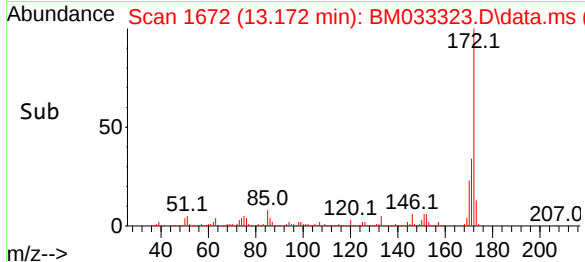
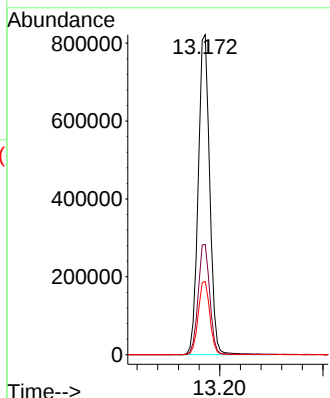
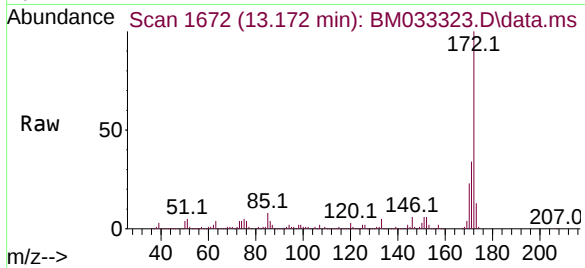




#45
2-Fluorobiphenyl
Concen: 68.597 ng
RT: 13.172 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

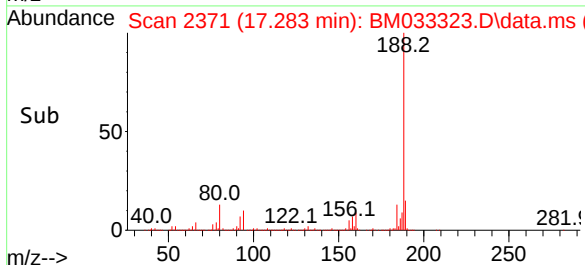
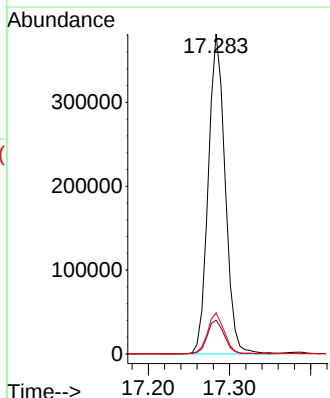
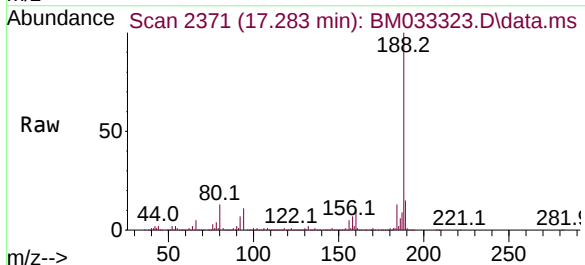
Instrument :
BNA_M
ClientSampleId :
DUP120221

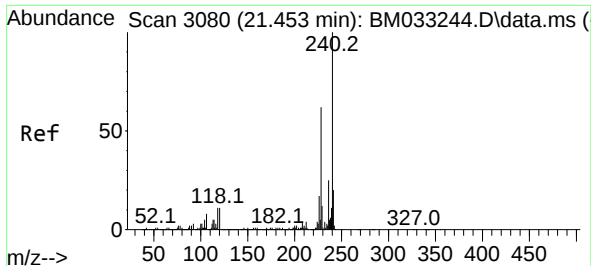
Tgt Ion:172 Resp: 1268261
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.8 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.283 min Scan# 2371
Delta R.T. -0.012 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

Tgt Ion:188 Resp: 550346
Ion Ratio Lower Upper
188 100
94 10.6 6.3 9.5#
80 12.9 7.3 10.9#

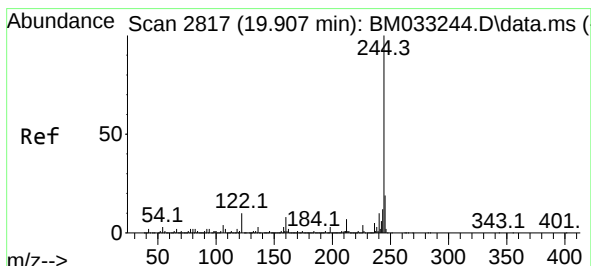
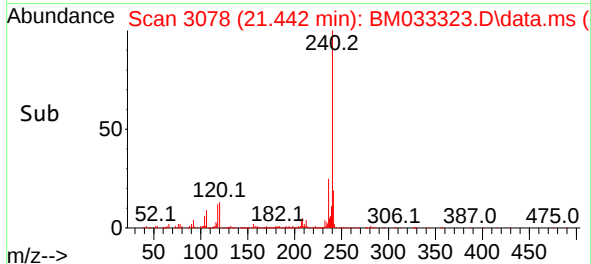
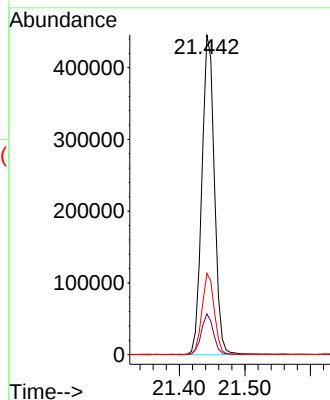
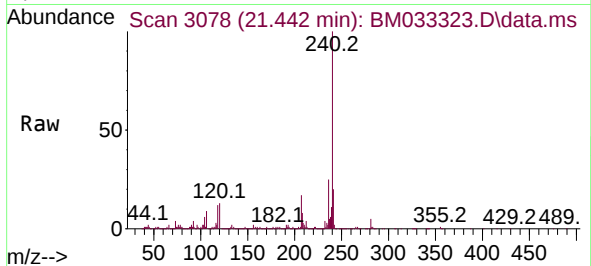




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

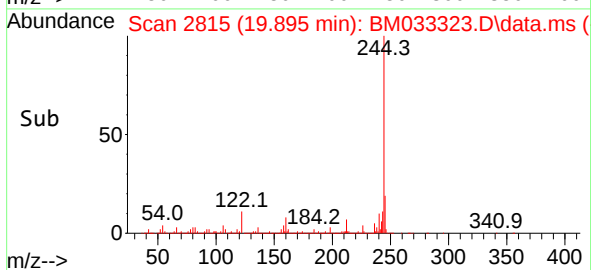
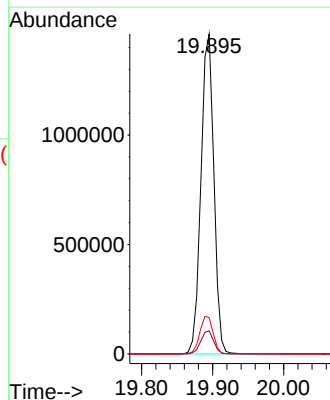
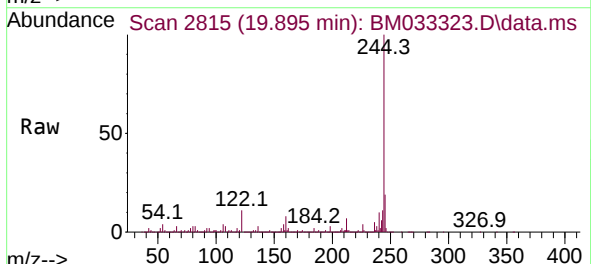
Instrument :
BNA_M
ClientSampleId :
DUP120221

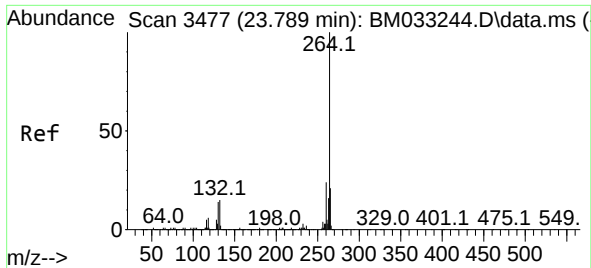
Tgt Ion:240 Resp: 593322
Ion Ratio Lower Upper
240 100
120 12.7 7.8 11.6#
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 61.757 ng
RT: 19.895 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

Tgt Ion:244 Resp: 1853035
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 11.4 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.771 min Scan# 34
Delta R.T. -0.017 min
Lab File: BM033323.D
Acq: 06 Dec 2021 21:37

Instrument :
BNA_M
ClientSampleId :
DUP120221

Tgt Ion:264 Resp: 615100
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 22.5 18.3 27.5

