

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042675.D
 Acq On : 09 Nov 2023 17:21
 Operator : MA/JU
 Sample : 05257-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-2

Quant Time: Nov 09 17:57:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	27466	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	94518	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	54298	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	110280	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	101414	20.000	ng	# 0.00
86) Perylene-d12	23.809	264	128129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	261781	153.820	ng	0.00
7) Phenol-d6	7.010	99	306340	131.249	ng	0.00
23) Nitrobenzene-d5	9.045	82	244769	120.720	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	131496	185.491	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	460494	114.118	ng	0.00
79) Terphenyl-d14	19.874	244	723107	120.901	ng	0.00

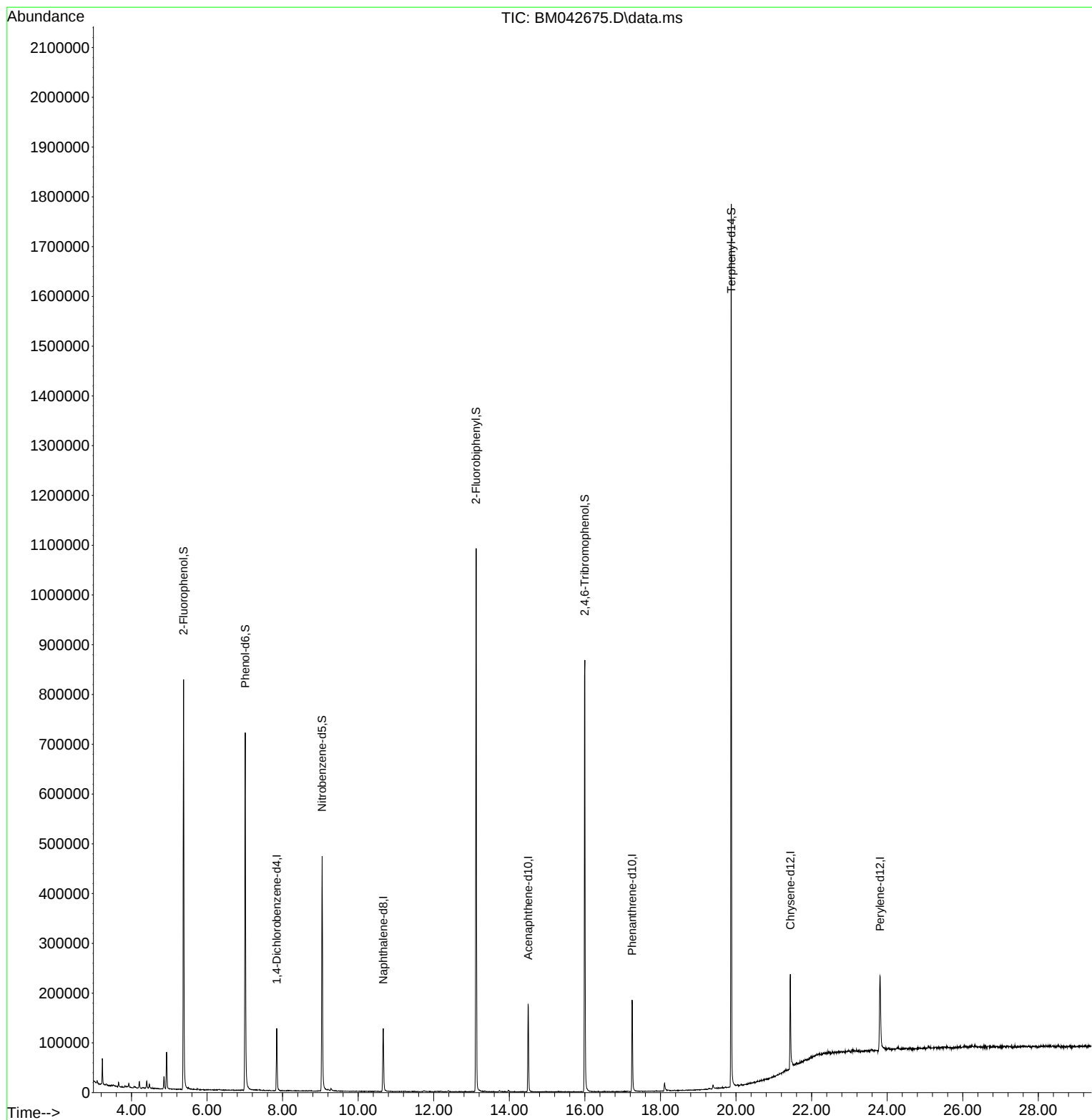
Target Compounds	Qvalue

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

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Response via : Initial Calibration

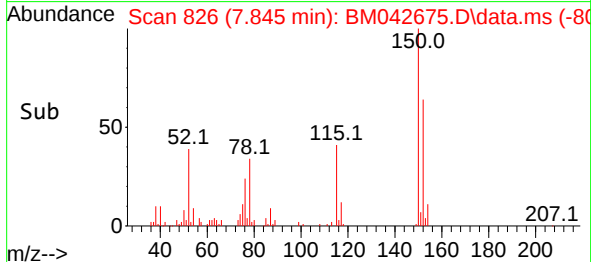
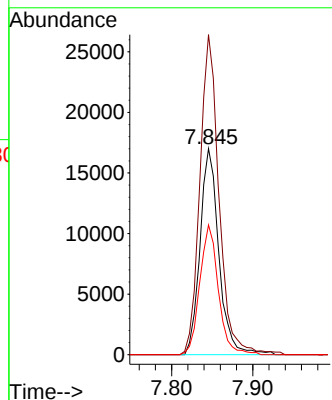
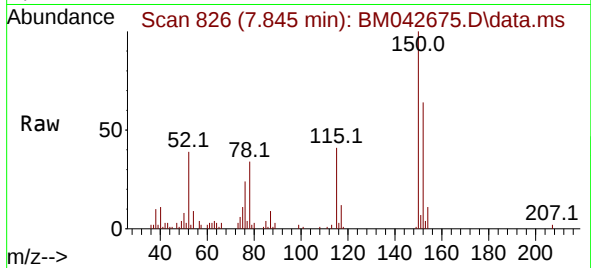




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM042675.D
Acq: 09 Nov 2023 17:21

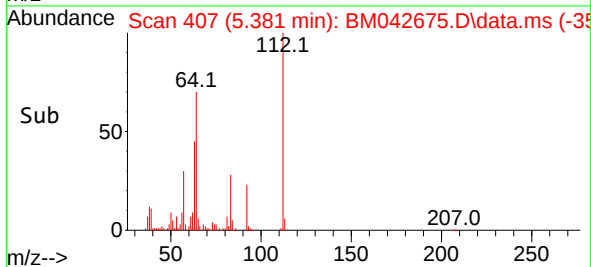
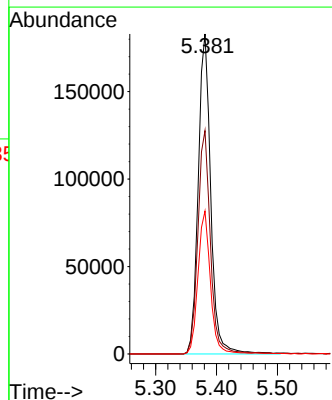
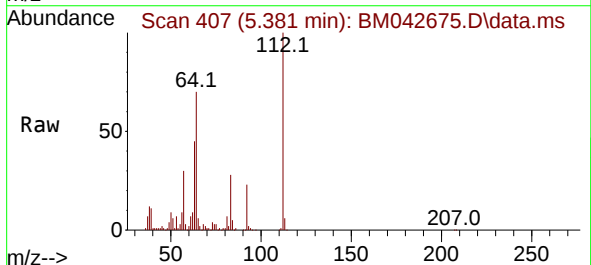
Instrument :
BNA_M
ClientSampleId :
WC-2

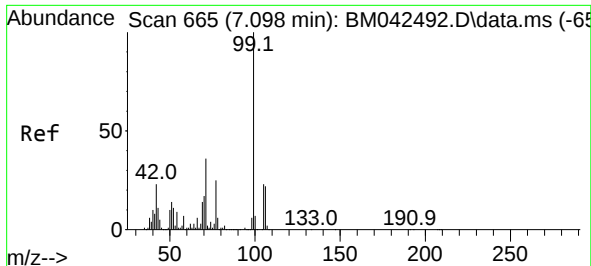
Tgt Ion:152 Resp: 27466
Ion Ratio Lower Upper
152 100
150 155.3 127.4 191.0
115 63.0 47.9 71.9



#5
2-Fluorophenol
Concen: 153.820 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042675.D
Acq: 09 Nov 2023 17:21

Tgt Ion:112 Resp: 261781
Ion Ratio Lower Upper
112 100
64 69.8 52.1 78.1
63 44.6 28.3 42.5#

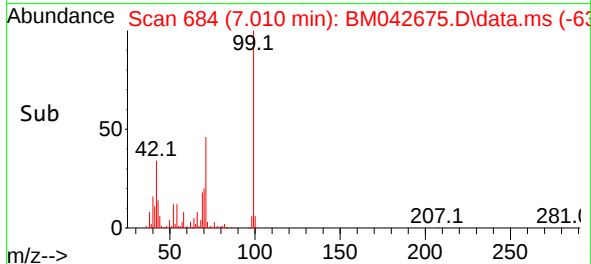
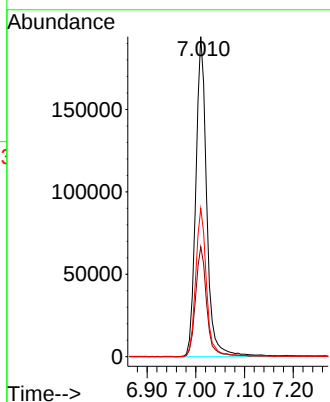
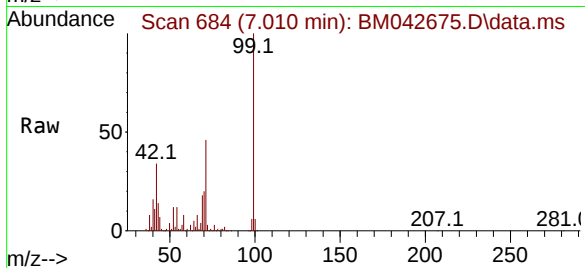




#7
Phenol-d6
Concen: 131.249 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042675.D
Acq: 09 Nov 2023 17:21

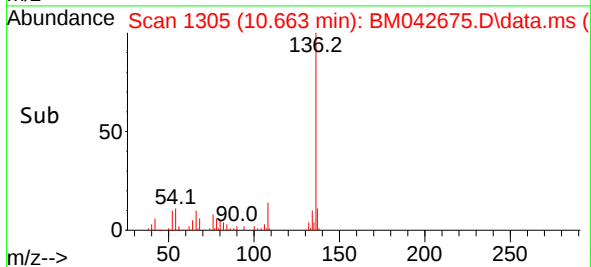
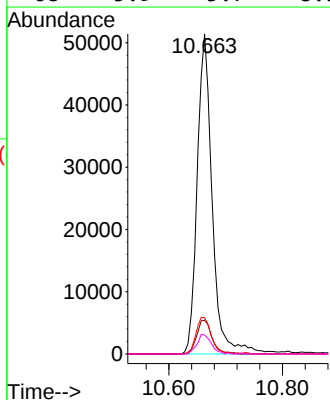
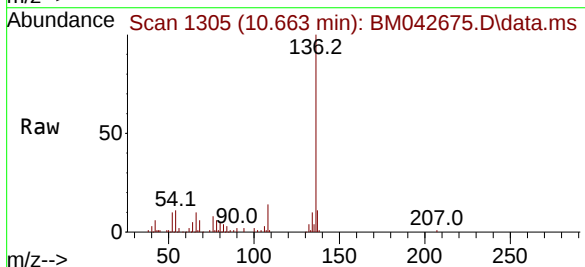
Instrument :
BNA_M
ClientSampleId :
WC-2

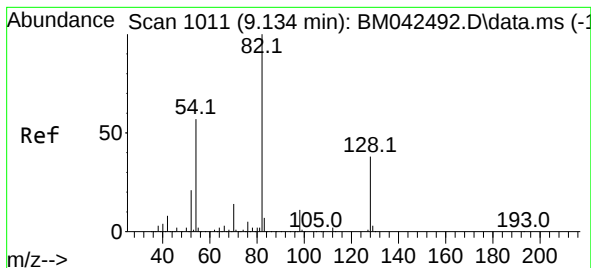
Tgt Ion: 99 Resp: 306340
Ion Ratio Lower Upper
99 100
42 34.3 18.7 28.1#
71 46.3 29.1 43.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM042675.D
Acq: 09 Nov 2023 17:21

Tgt Ion: 136 Resp: 94518
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 11.3 8.0 12.0
68 5.9 5.7 8.5





#23

Nitrobenzene-d5

Concen: 120.720 ng

RT: 9.045 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042675.D

Acq: 09 Nov 2023 17:21

Instrument :

BNA_M

ClientSampleId :

WC-2

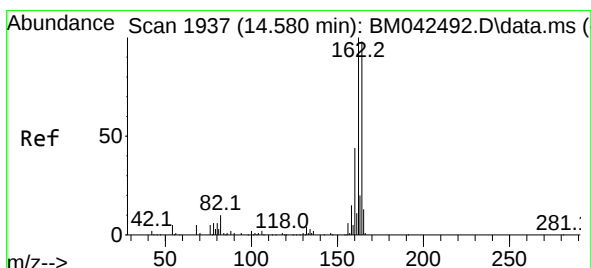
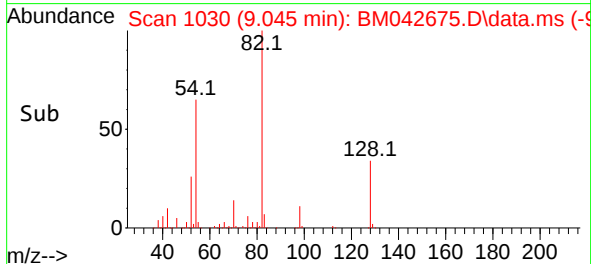
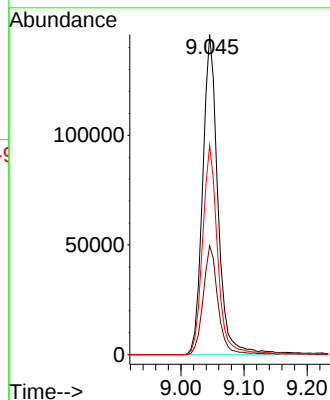
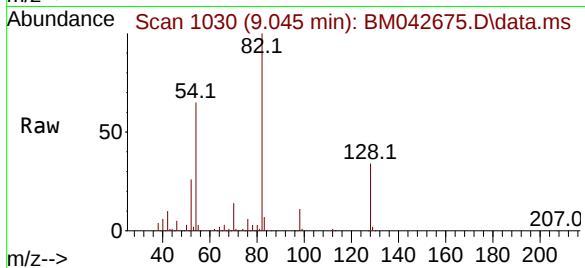
Tgt Ion: 82 Resp: 244769

Ion Ratio Lower Upper

82 100

128 34.0 30.7 46.1

54 65.4 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.498 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BM042675.D

Acq: 09 Nov 2023 17:21

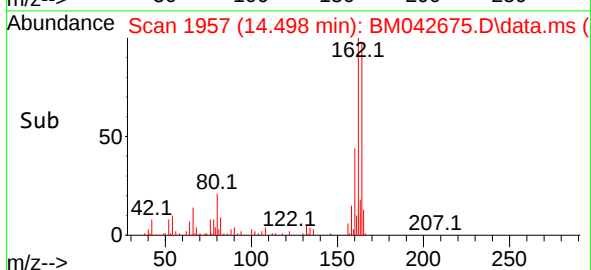
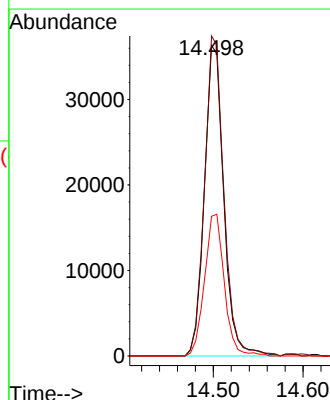
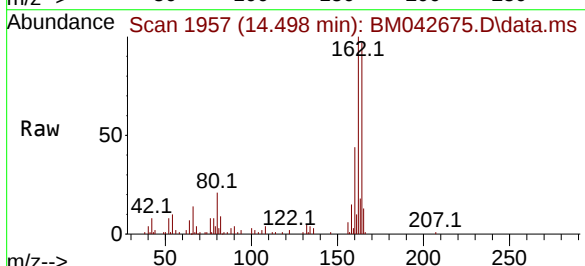
Tgt Ion:164 Resp: 54298

Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

160 45.0 36.2 54.4

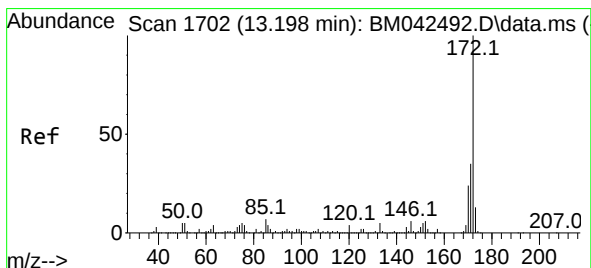
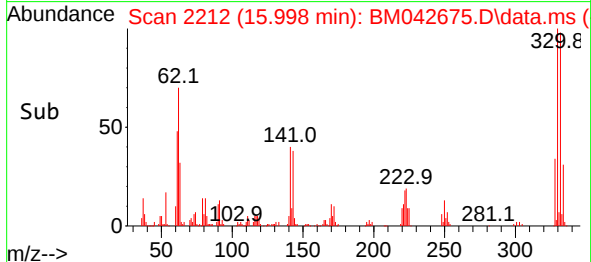
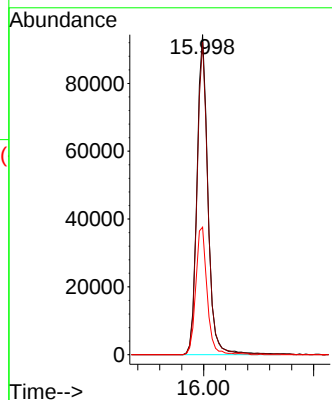
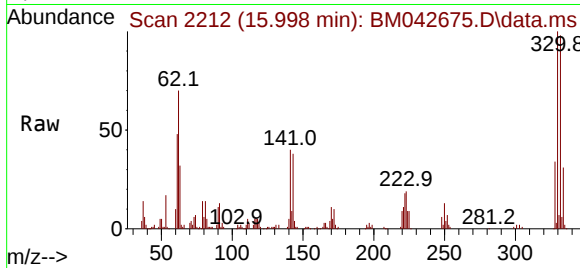




#42
2,4,6-Tribromophenol
Concen: 185.491 ng
RT: 15.998 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042675.D
Acq: 09 Nov 2023 17:21

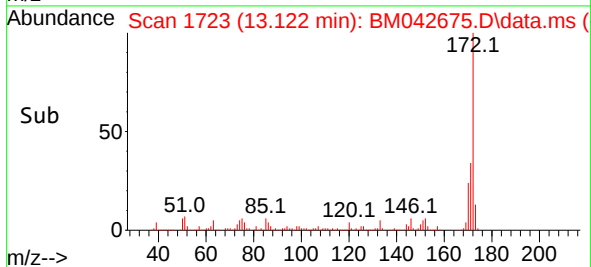
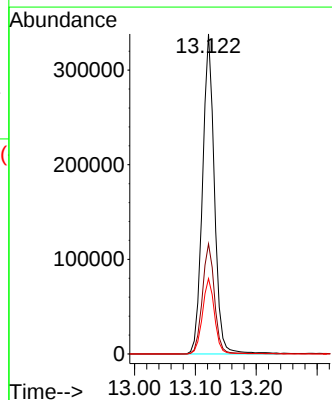
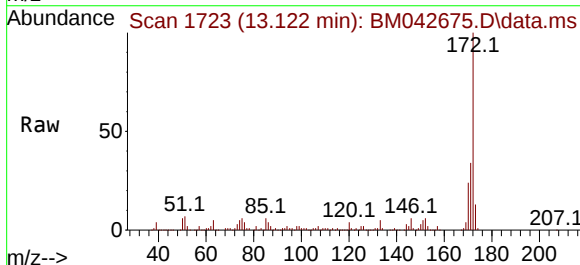
Instrument :
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Tgt Ion:330 Resp: 131496
Ion Ratio Lower Upper
330 100
332 96.2 78.8 118.2
141 40.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 114.118 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM042675.D
Acq: 09 Nov 2023 17:21

Tgt Ion:172 Resp: 460494
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042675.D

Acq: 09 Nov 2023 17:21

Instrument :

BNA_M

ClientSampleId :

WC-2

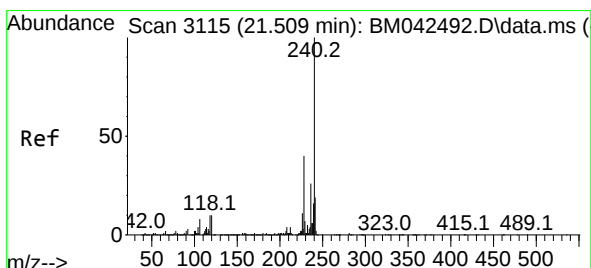
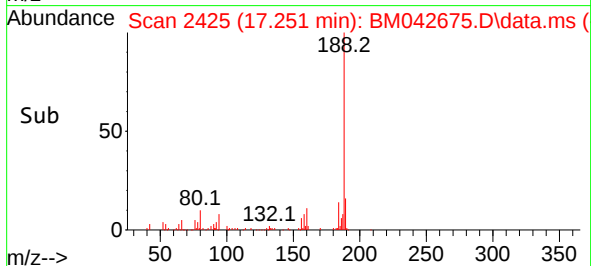
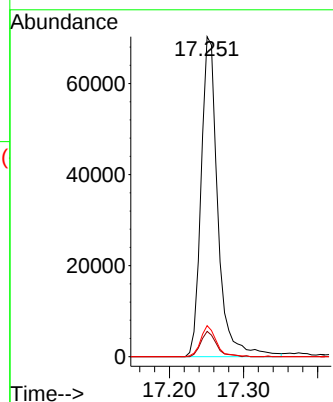
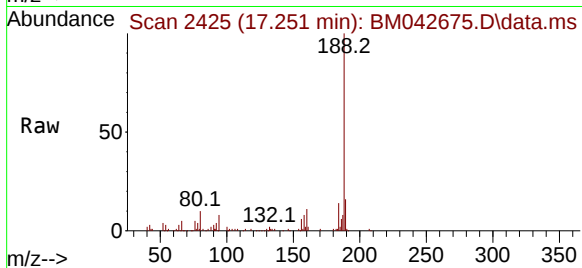
Tgt Ion:188 Resp: 110280

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.4#

80 9.7 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM042675.D

Acq: 09 Nov 2023 17:21

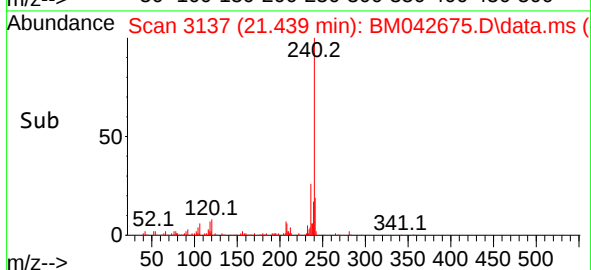
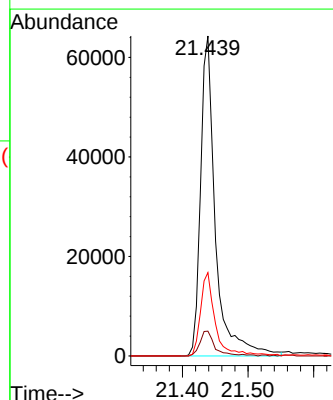
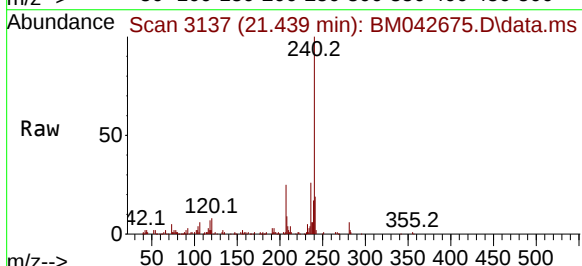
Tgt Ion:240 Resp: 101414

Ion Ratio Lower Upper

240 100

120 7.8 8.3 12.5#

236 26.1 20.8 31.2

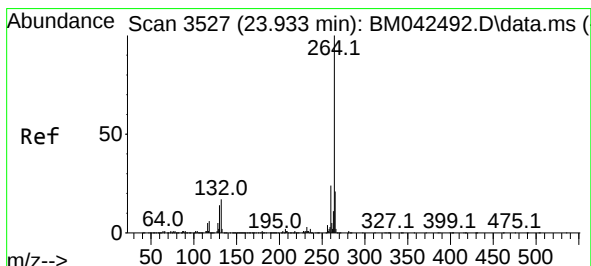
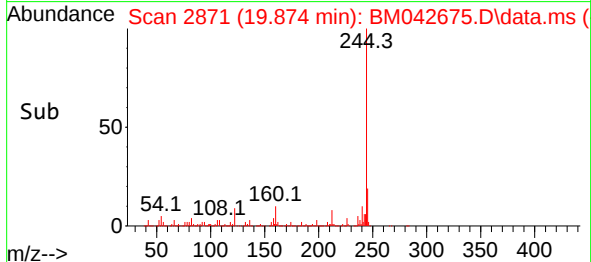
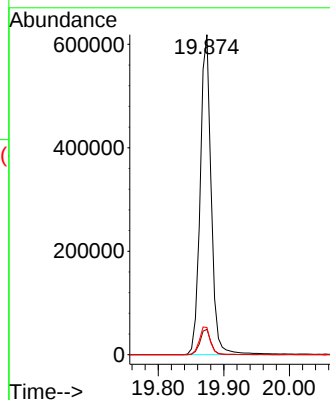
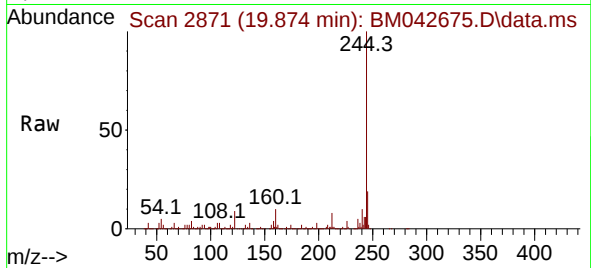




#79
 Terphenyl-d14
 Concen: 120.901 ng
 RT: 19.874 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042675.D
 Acq: 09 Nov 2023 17:21

Instrument :
 BNA_M
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 723107
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 8.5 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.809 min Scan# 3540
 Delta R.T. -0.006 min
 Lab File: BM042675.D
 Acq: 09 Nov 2023 17:21

Tgt Ion:264 Resp: 128129
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 23.1 18.7 28.1

