

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041371.D
 Acq On : 10 Aug 2023 20:16
 Operator : MA/JU
 Sample : 03954-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-20

Quant Time: Aug 11 03:35:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

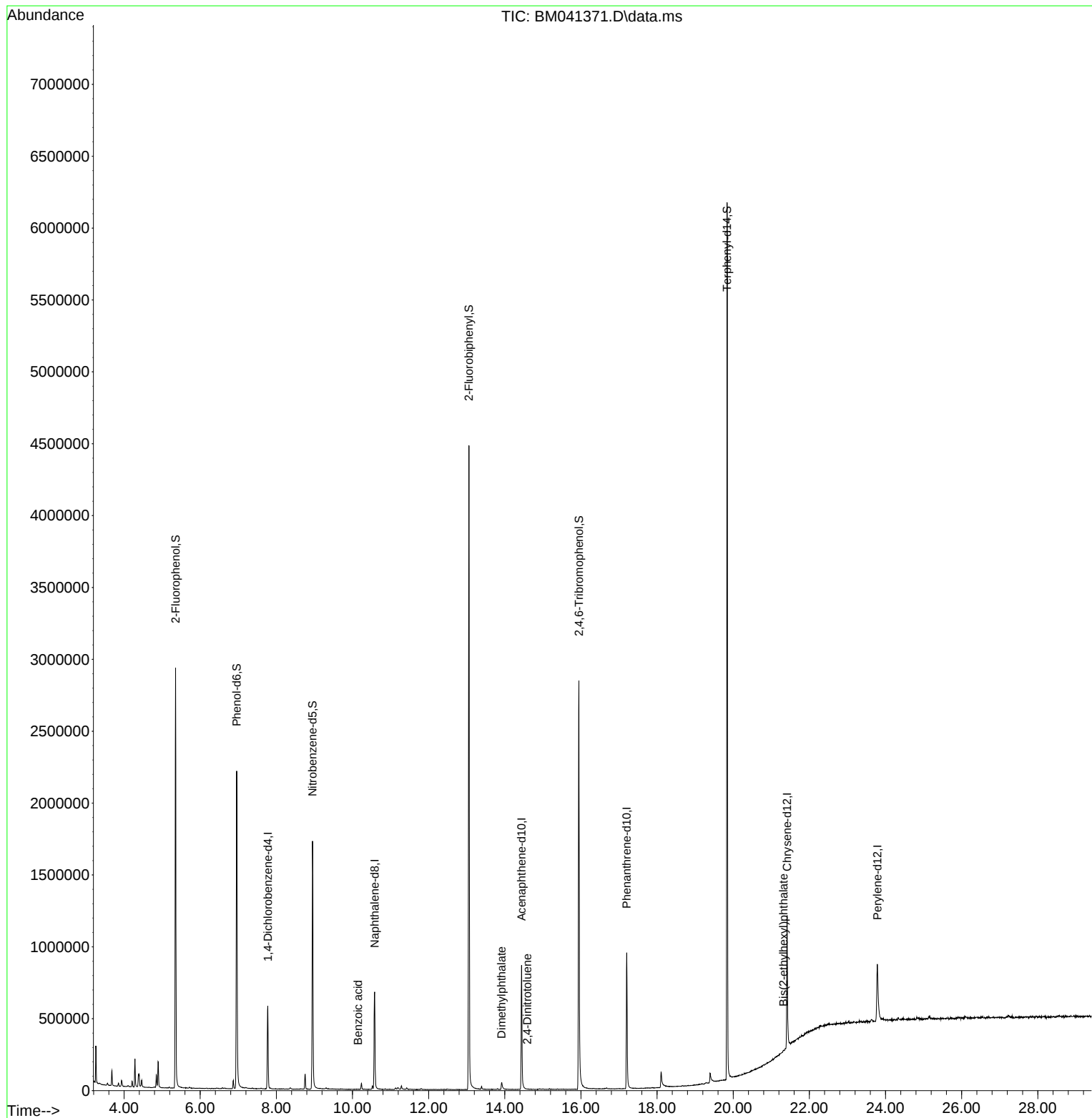
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	148680	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	571934	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	310864	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	635030	20.000	ng	0.00
76) Chrysene-d12	21.415	240	511706	20.000	ng	0.00
86) Perylene-d12	23.785	264	355248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1136514	114.247	ng	0.00
7) Phenol-d6	6.957	99	1214507	94.185	ng	-0.01
23) Nitrobenzene-d5	8.951	82	1002895	81.546	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	587141	133.532	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2218657	90.159	ng	0.00
79) Terphenyl-d14	19.839	244	2940717	103.907	ng	-0.01
Target Compounds						
					Qvalue	
32) Benzoic acid	10.145	122	125	7.172	ng	# 72
50) Dimethylphthalate	13.916	163	47053	2.012	ng	99
57) 2,4-Dinitrotoluene	14.592	165	58	2.678	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.321	149	2006	2.631	ng	# 88

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

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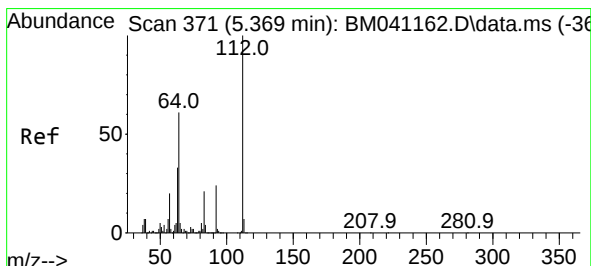
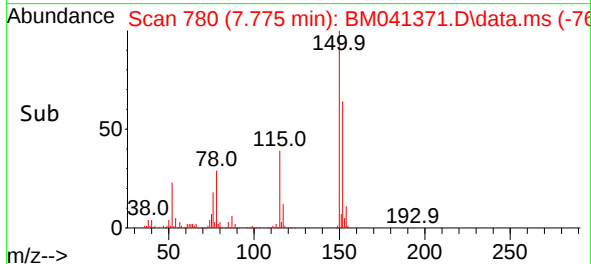
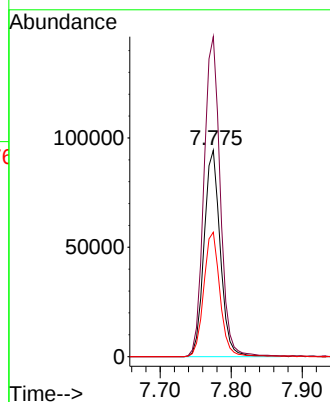
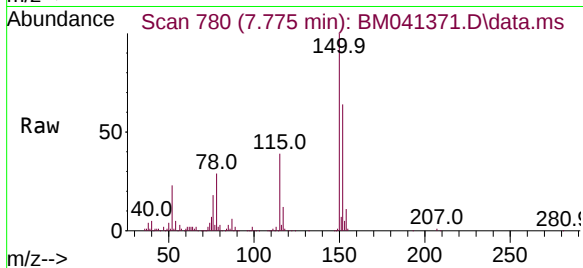




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041371.D
Acq: 10 Aug 2023 20:16

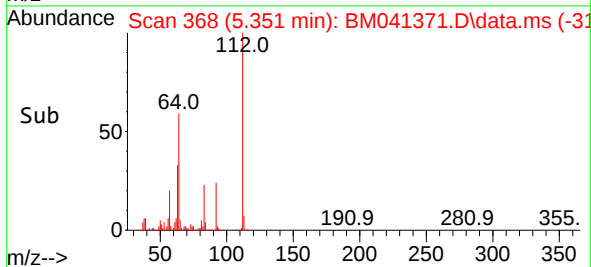
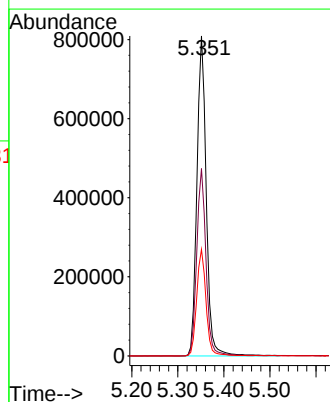
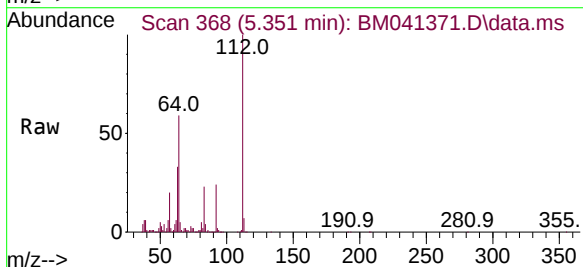
Instrument :
BNA_M
ClientSampleId :
WC-20

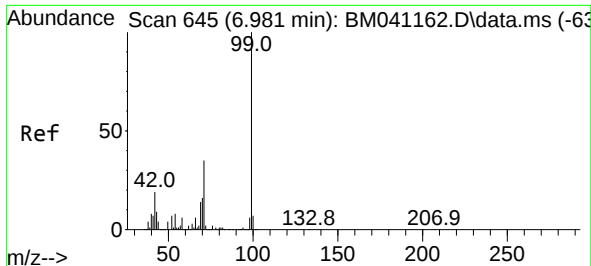
Tgt Ion:152 Resp: 148680
Ion Ratio Lower Upper
152 100
150 155.1 125.5 188.3
115 60.3 48.0 72.0



#5
2-Fluorophenol
Concen: 114.247 ng
RT: 5.351 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041371.D
Acq: 10 Aug 2023 20:16

Tgt Ion:112 Resp: 1136514
Ion Ratio Lower Upper
112 100
64 58.5 48.5 72.7
63 33.3 26.5 39.7

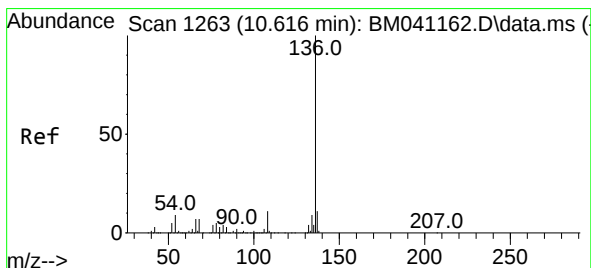
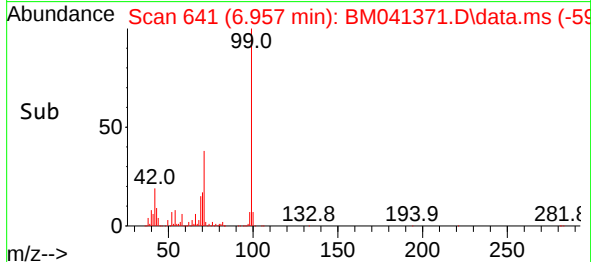
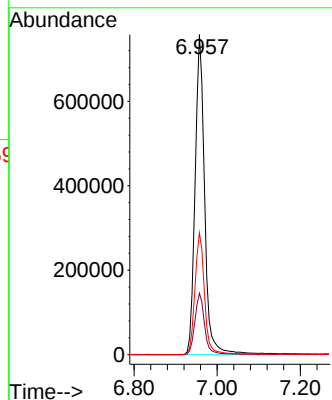
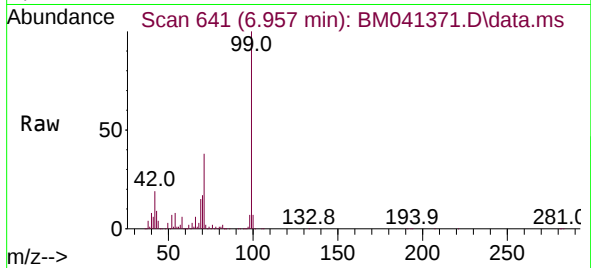




#7
Phenol-d6
Concen: 94.185 ng
RT: 6.957 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM041371.D
Acq: 10 Aug 2023 20:16

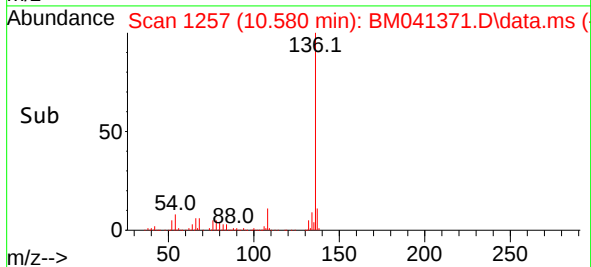
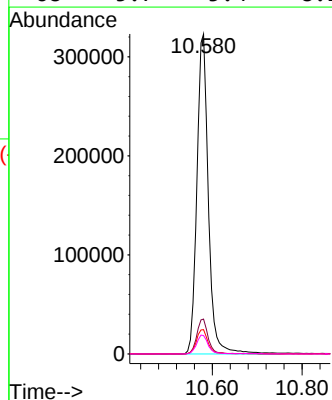
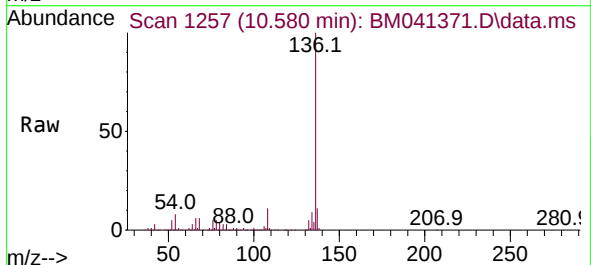
Instrument :
BNA_M
ClientSampleId :
WC-20

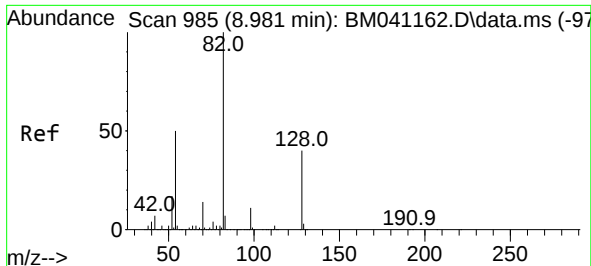
Tgt Ion: 99 Resp: 1214507
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.0
71 38.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041371.D
Acq: 10 Aug 2023 20:16

Tgt Ion:136 Resp: 571934
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 6.9 10.3
68 5.7 5.4 8.2

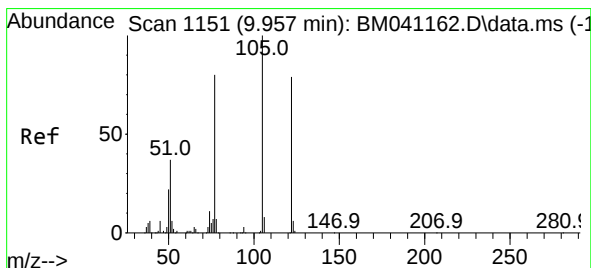
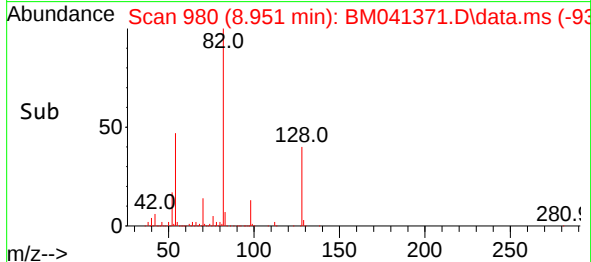
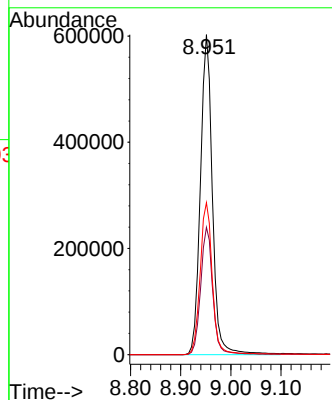
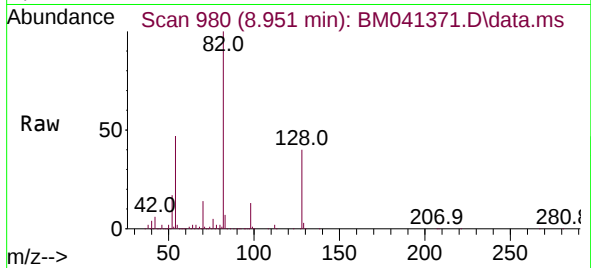




#23
Nitrobenzene-d5
Concen: 81.546 ng
RT: 8.951 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM041371.D
Acq: 10 Aug 2023 20:16

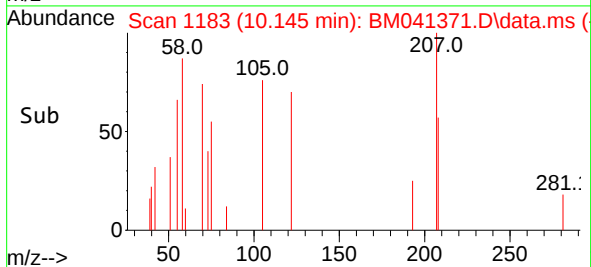
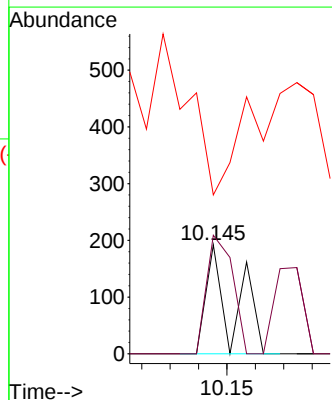
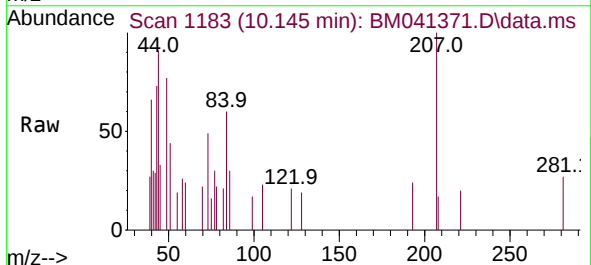
Instrument :
BNA_M
ClientSampleId :
WC-20

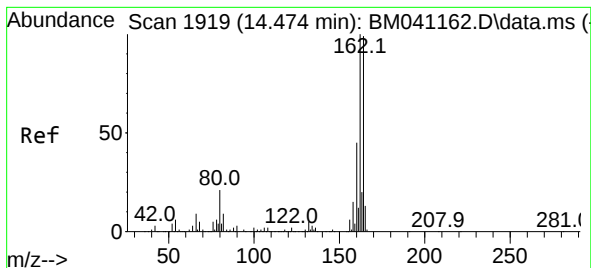
Tgt Ion: 82 Resp: 1002895
Ion Ratio Lower Upper
82 100
128 39.8 31.8 47.6
54 47.5 40.1 60.1



#32
Benzoic acid
Concen: 7.172 ng
RT: 10.145 min Scan# 1183
Delta R.T. 0.188 min
Lab File: BM041371.D
Acq: 10 Aug 2023 20:16

Tgt Ion: 122 Resp: 125
Ion Ratio Lower Upper
122 100
105 108.9 104.0 144.0
77 145.8 79.9 119.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1913

Delta R.T. -0.006 min

Lab File: BM041371.D

Acq: 10 Aug 2023 20:16

Instrument :

BNA_M

ClientSampleId :

WC-20

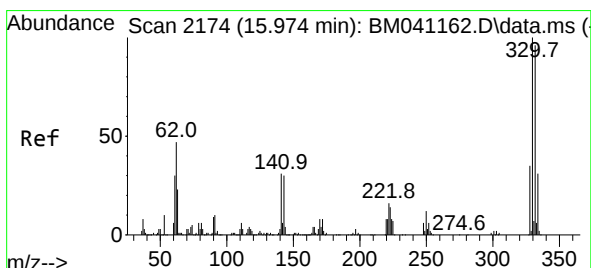
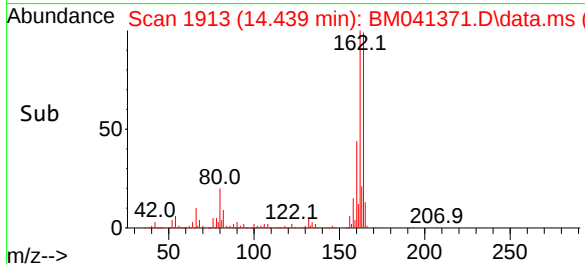
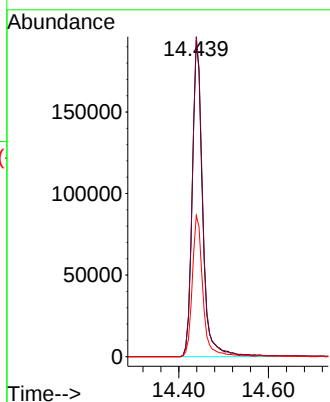
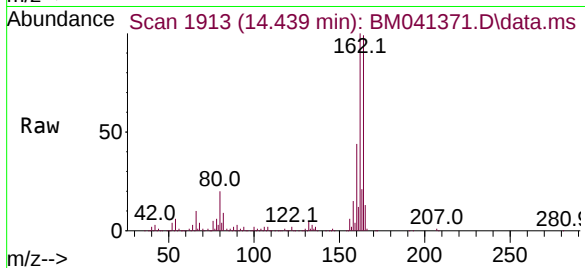
Tgt Ion:164 Resp: 310864

Ion Ratio Lower Upper

164 100

162 101.2 80.4 120.6

160 44.6 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 133.532 ng

RT: 15.945 min Scan# 2169

Delta R.T. -0.006 min

Lab File: BM041371.D

Acq: 10 Aug 2023 20:16

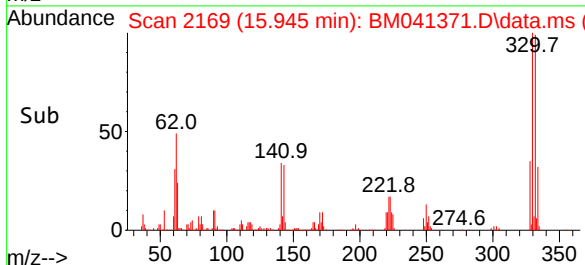
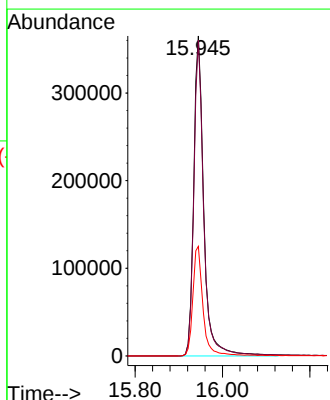
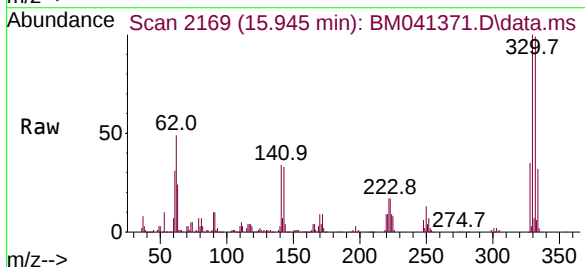
Tgt Ion:330 Resp: 587141

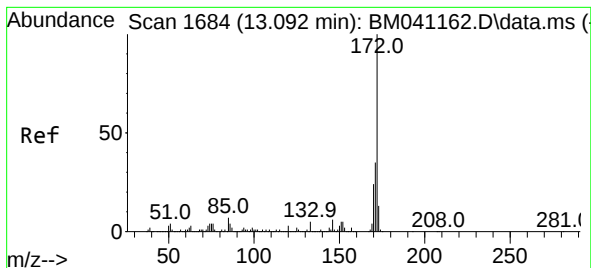
Ion Ratio Lower Upper

330 100

332 97.5 77.7 116.5

141 34.5 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 90.159 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041371.D

Acq: 10 Aug 2023 20:16

Instrument :

BNA_M

ClientSampleId :

WC-20

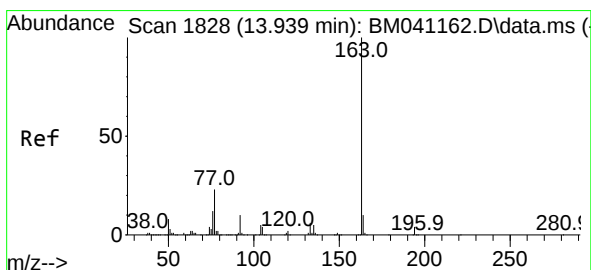
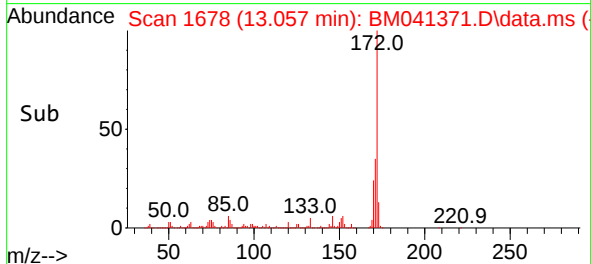
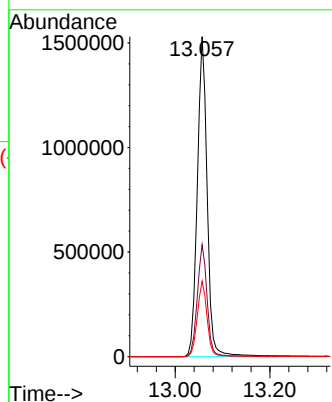
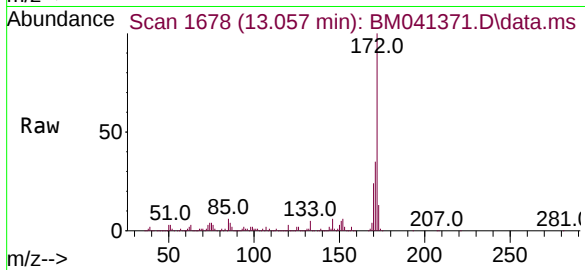
Tgt Ion:172 Resp: 2218657

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.6 18.9 28.3



#50

Dimethylphthalate

Concen: 2.012 ng

RT: 13.916 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BM041371.D

Acq: 10 Aug 2023 20:16

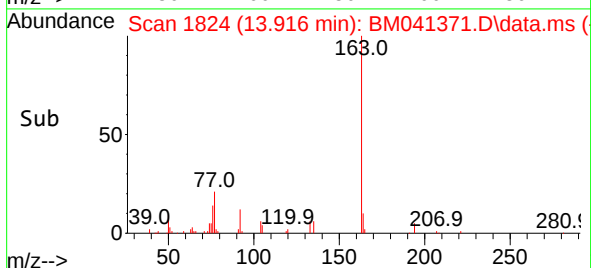
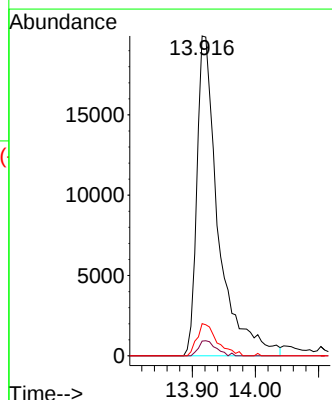
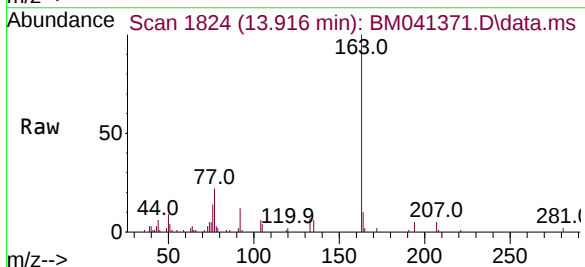
Tgt Ion:163 Resp: 47053

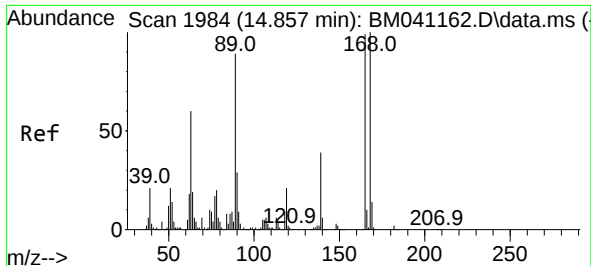
Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

164 10.1 8.3 12.5





#57

2,4-Dinitrotoluene

Concen: 2.678 ng

RT: 14.592 min Scan# 19

Delta R.T. -0.253 min

Lab File: BM041371.D

Acq: 10 Aug 2023 20:16

Instrument :

BNA_M

ClientSampleId :

WC-20

Tgt Ion:165 Resp: 58

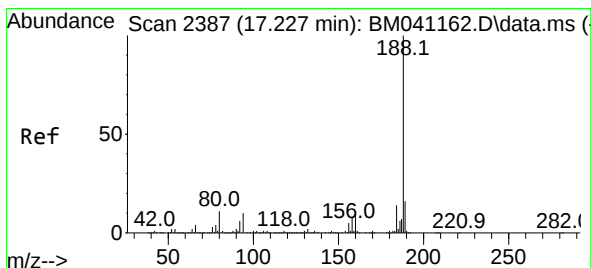
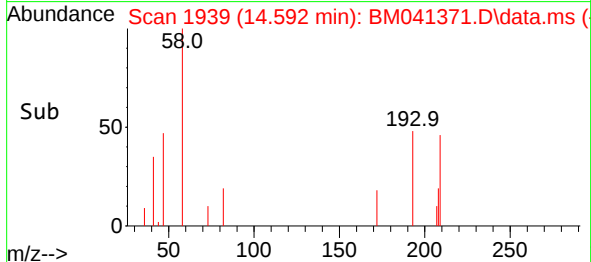
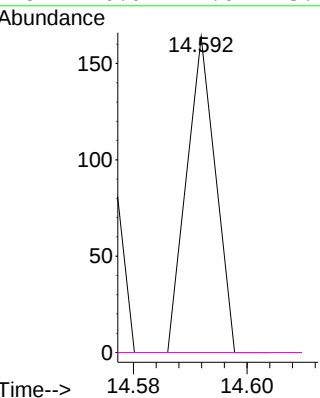
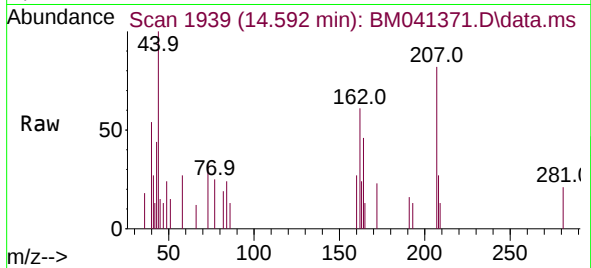
Ion Ratio Lower Upper

165 100

63 0.0 48.3 72.5#

89 0.0 71.8 107.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM041371.D

Acq: 10 Aug 2023 20:16

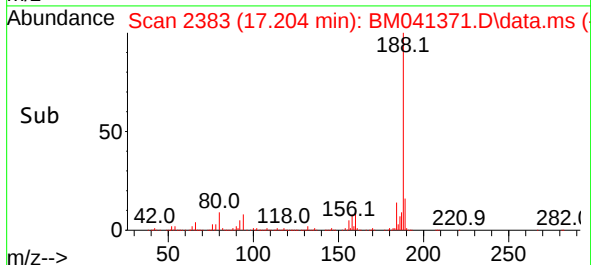
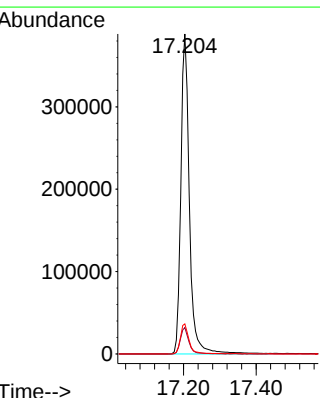
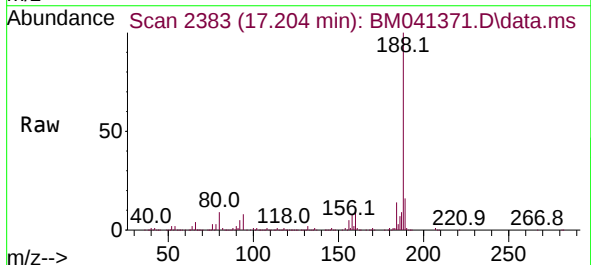
Tgt Ion:188 Resp: 635030

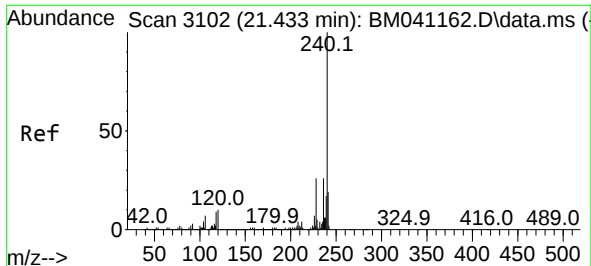
Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

80 9.4 8.6 13.0

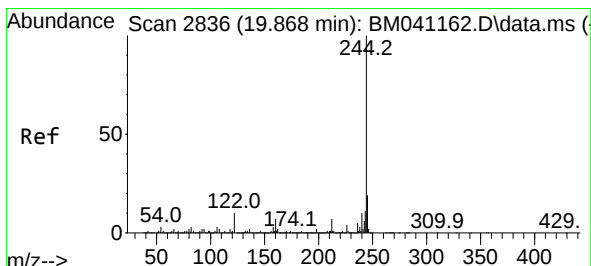
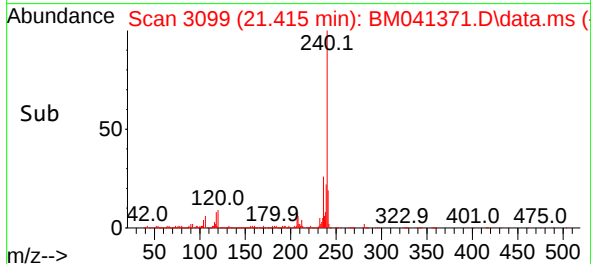
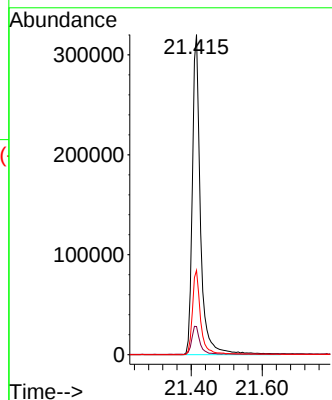
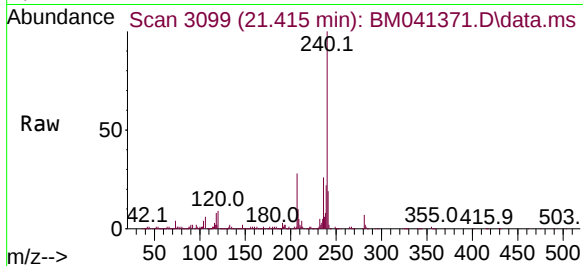




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041371.D
Acq: 10 Aug 2023 20:16

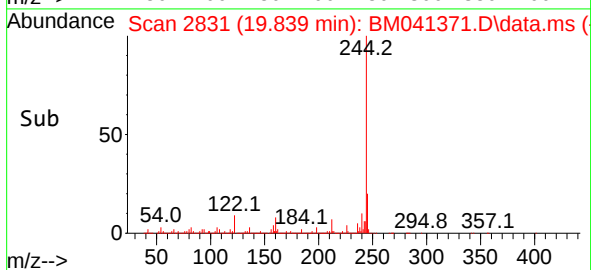
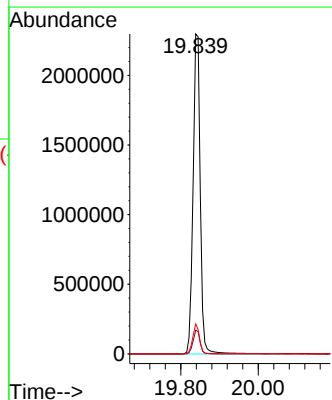
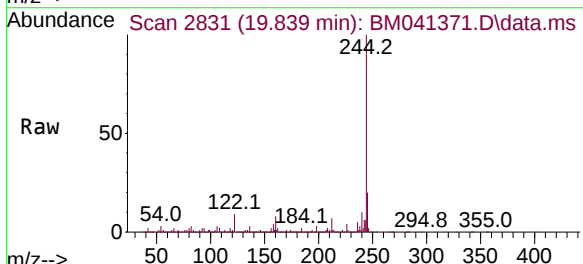
Instrument :
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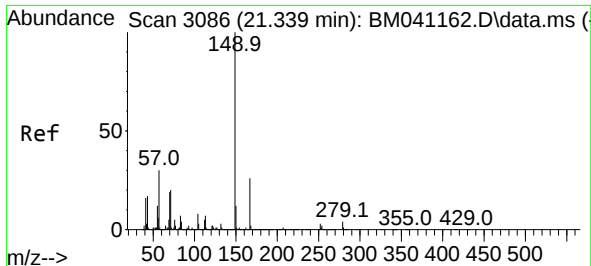
Tgt Ion:240 Resp: 511706
Ion Ratio Lower Upper
240 100
120 8.8 8.3 12.5
236 26.4 20.6 30.8



#79
Terphenyl-d14
Concen: 103.907 ng
RT: 19.839 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BM041371.D
Acq: 10 Aug 2023 20:16

Tgt Ion:244 Resp: 2940717
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 9.4 7.8 11.6

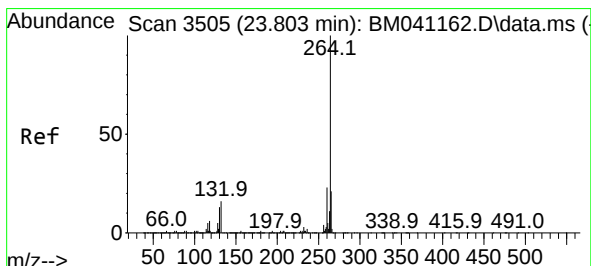
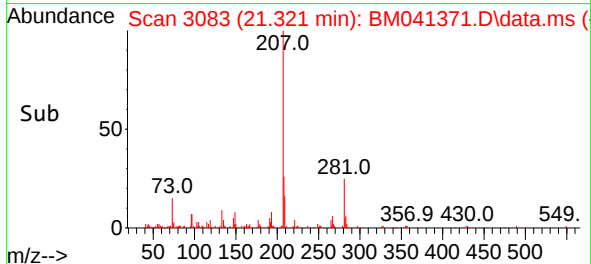
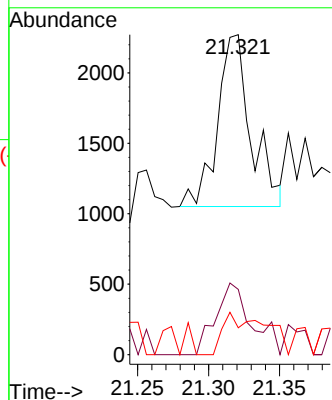
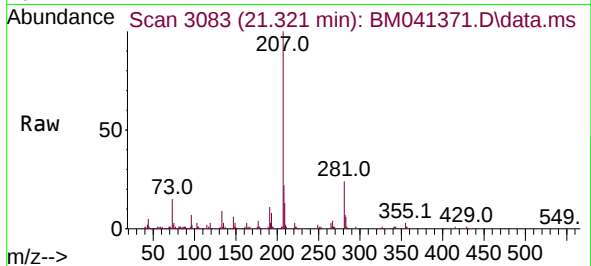




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.631 ng
RT: 21.321 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BM041371.D
Acq: 10 Aug 2023 20:16

Instrument :
BNA_M
ClientSampleId :
WC-20

Tgt Ion:149 Resp: 2006
Ion Ratio Lower Upper
149 100
167 20.4 21.0 31.6#
279 8.4 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.785 min Scan# 3502
Delta R.T. 0.006 min
Lab File: BM041371.D
Acq: 10 Aug 2023 20:16

Tgt Ion:264 Resp: 355248
Ion Ratio Lower Upper
264 100
260 25.1 18.5 27.7
265 23.6 17.4 26.0

