

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041383.D
 Acq On : 11 Aug 2023 12:30
 Operator : MA/JU
 Sample : 03954-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-20

Quant Time: Aug 11 18:01:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

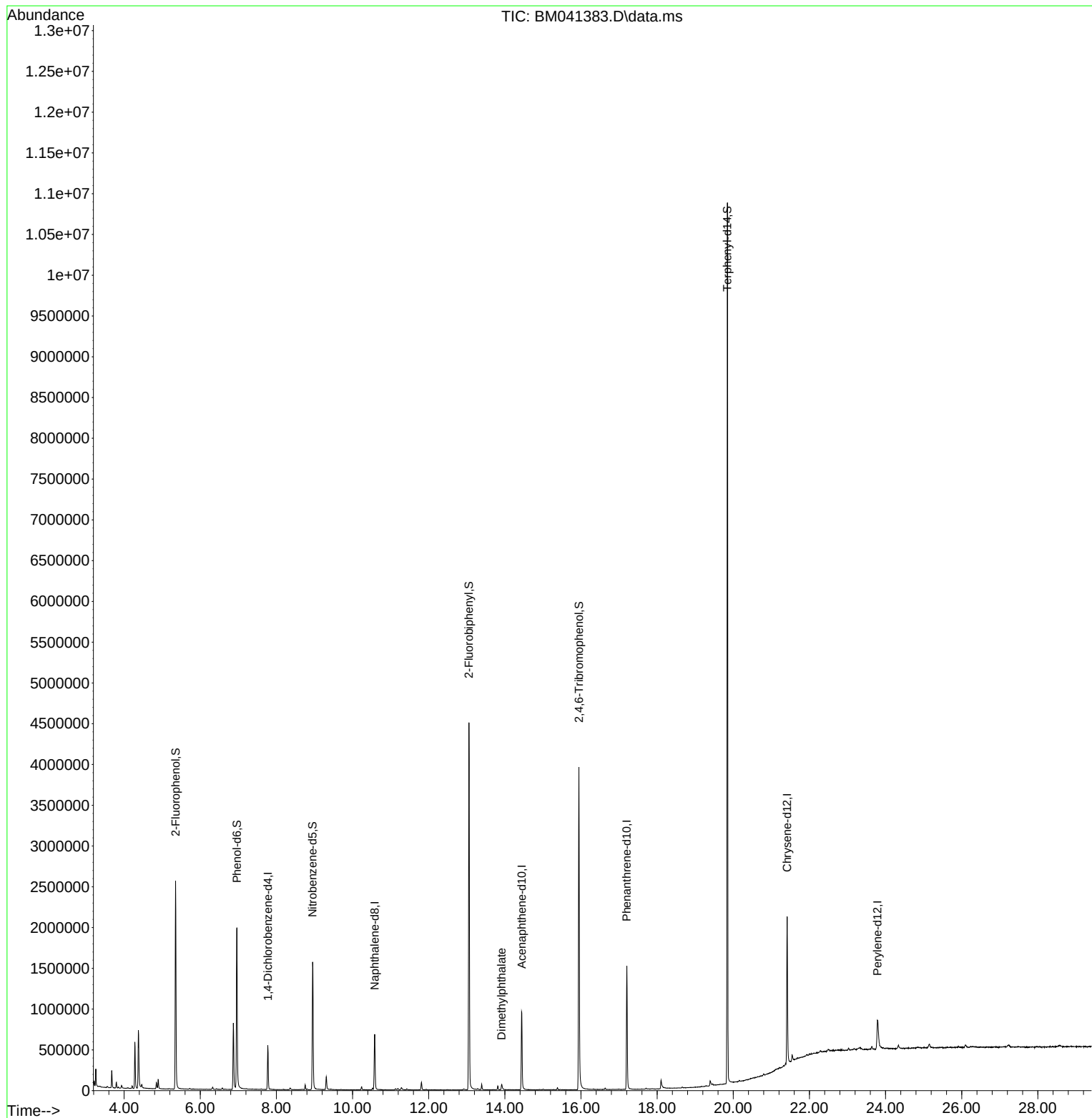
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	138936	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	555087	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	340541	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	937142	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	904781	20.000	ng	0.00
86) Perylene-d12	23.785	264	210125	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1035094	111.349	ng	0.00
7) Phenol-d6	6.963	99	1134424	94.145	ng	0.00
23) Nitrobenzene-d5	8.951	82	936509	78.460	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	762696	158.342	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2232740	82.824	ng	0.00
79) Terphenyl-d14	19.845	244	4882775	97.574	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.916	163	59573	2.326	ng	# 98

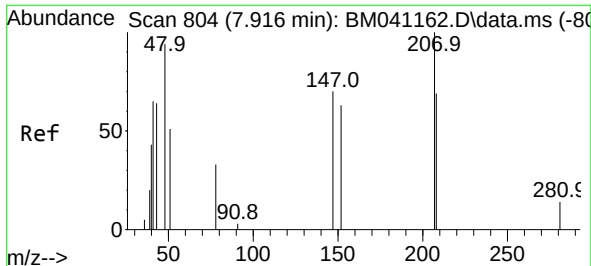
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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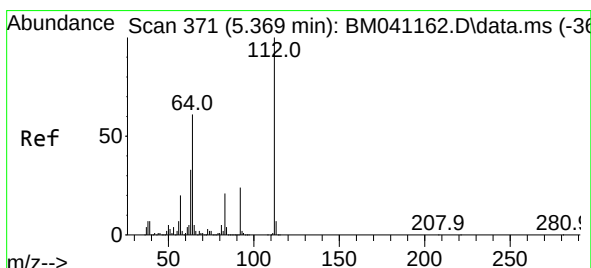
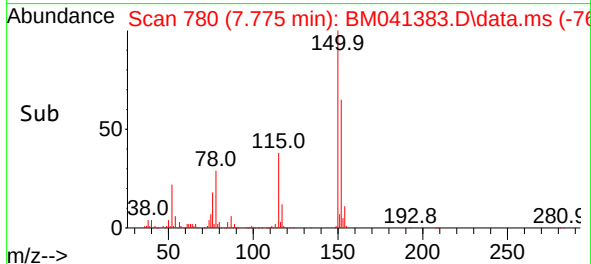
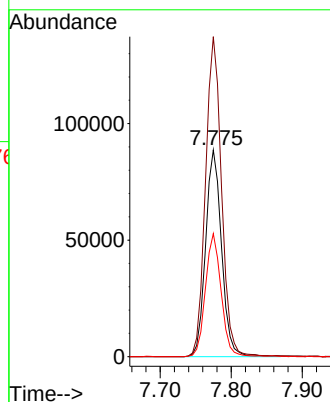
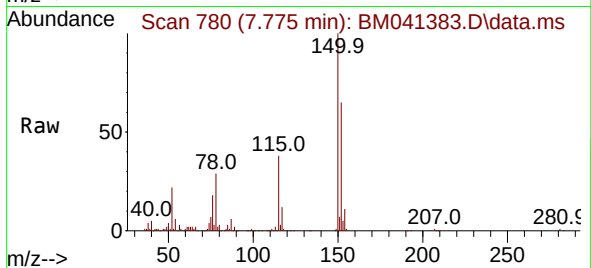




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041383.D
Acq: 11 Aug 2023 12:30

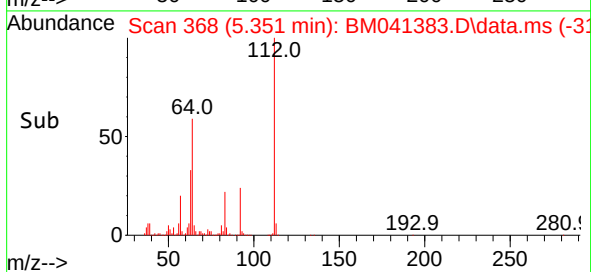
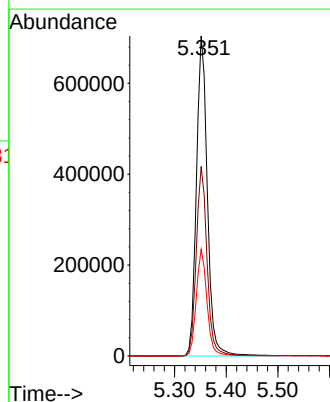
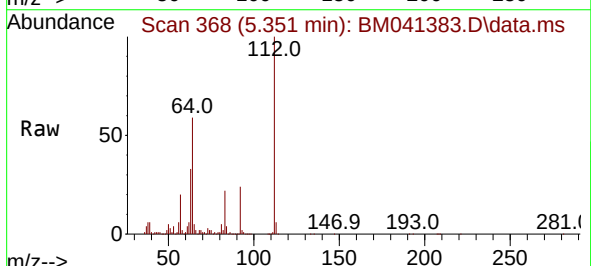
Instrument :
BNA_M
ClientSampleId :
WC-20

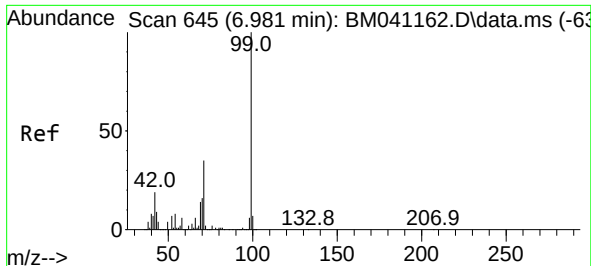
Tgt Ion:152 Resp: 138936
Ion Ratio Lower Upper
152 100
150 154.7 125.5 188.3
115 59.5 48.0 72.0



#5
2-Fluorophenol
Concen: 111.349 ng
RT: 5.351 min Scan# 368
Delta R.T. 0.006 min
Lab File: BM041383.D
Acq: 11 Aug 2023 12:30

Tgt Ion:112 Resp: 1035094
Ion Ratio Lower Upper
112 100
64 59.2 48.5 72.7
63 33.4 26.5 39.7

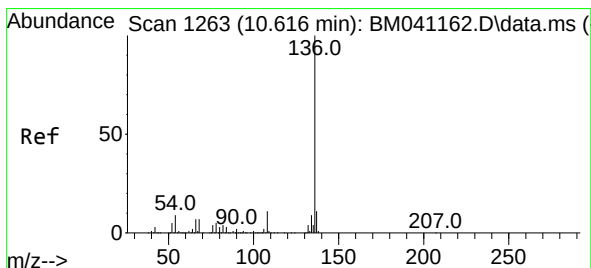
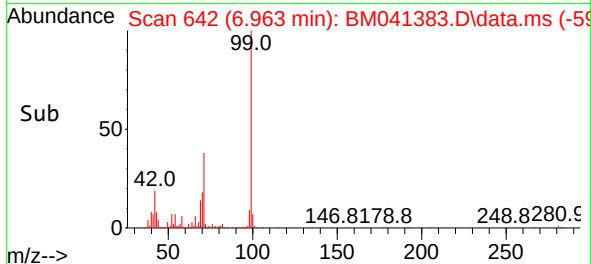
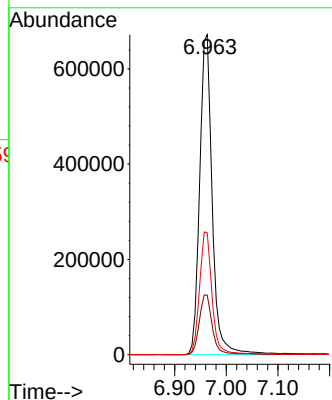
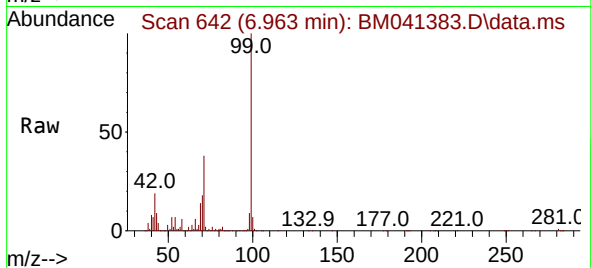




#7
Phenol-d6
Concen: 94.145 ng
RT: 6.963 min Scan# 64
Delta R.T. 0.006 min
Lab File: BM041383.D
Acq: 11 Aug 2023 12:30

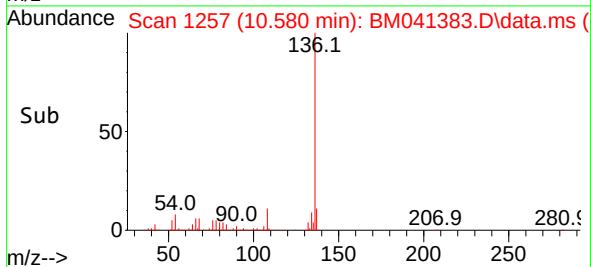
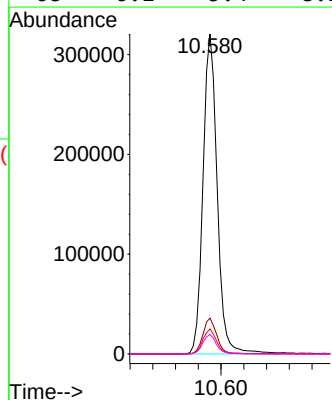
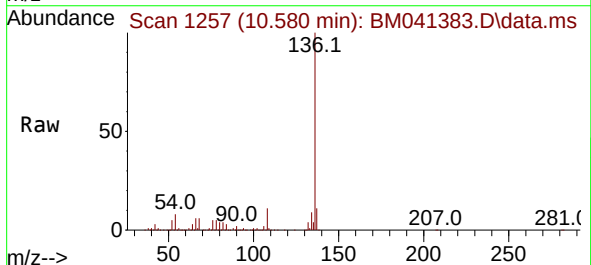
Instrument :
BNA_M
ClientSampleId :
WC-20

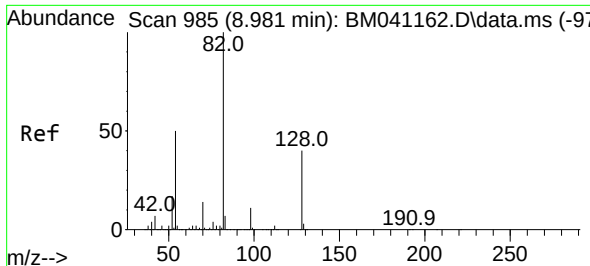
Tgt Ion: 99 Resp: 1134424
Ion Ratio Lower Upper
99 100
42 18.6 15.4 23.0
71 38.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BM041383.D
Acq: 11 Aug 2023 12:30

Tgt Ion:136 Resp: 555087
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.9 6.9 10.3
68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 78.460 ng

RT: 8.951 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041383.D

Acq: 11 Aug 2023 12:30

Instrument :

BNA_M

ClientSampleId :

WC-20

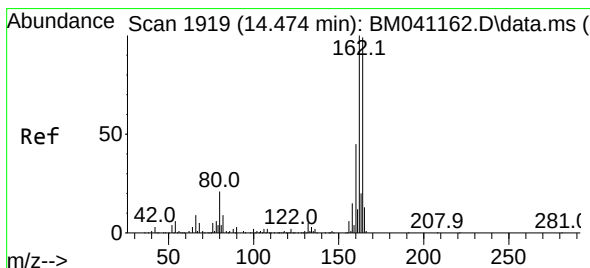
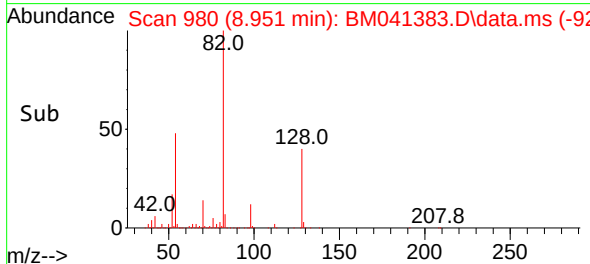
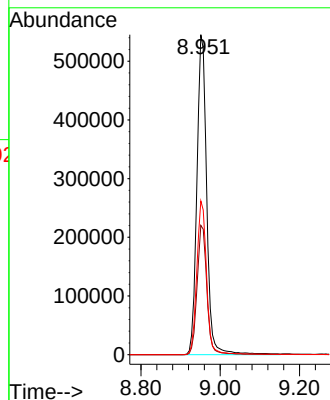
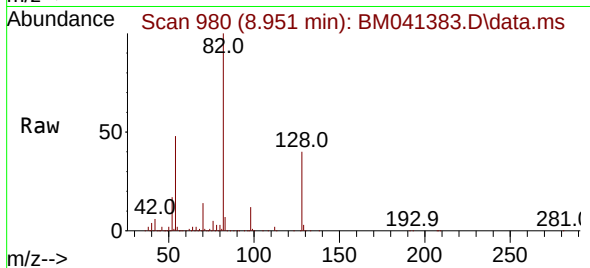
Tgt Ion: 82 Resp: 936509

Ion Ratio Lower Upper

82 100

128 40.4 31.8 47.6

54 48.1 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1914

Delta R.T. 0.006 min

Lab File: BM041383.D

Acq: 11 Aug 2023 12:30

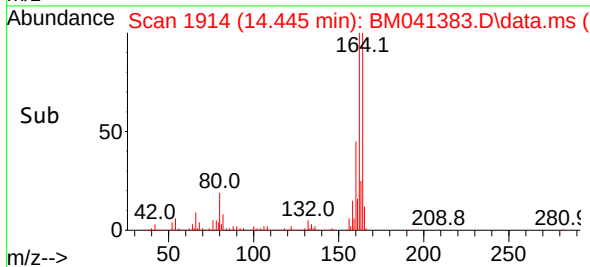
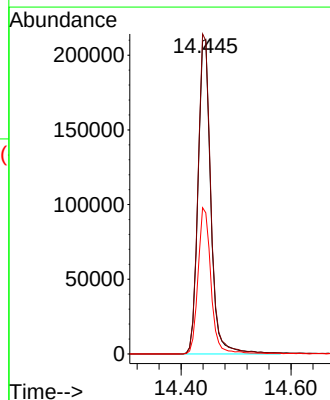
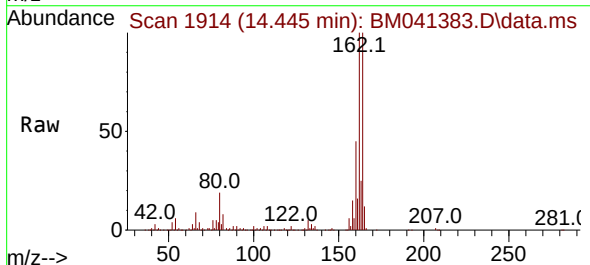
Tgt Ion: 164 Resp: 340541

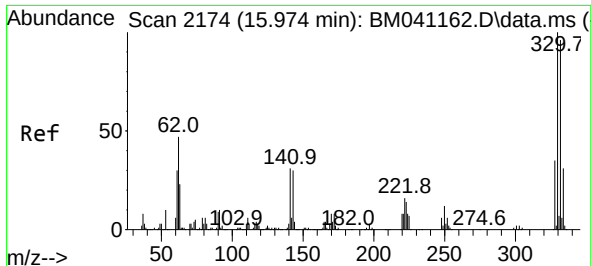
Ion Ratio Lower Upper

164 100

162 99.6 80.4 120.6

160 44.9 36.2 54.2

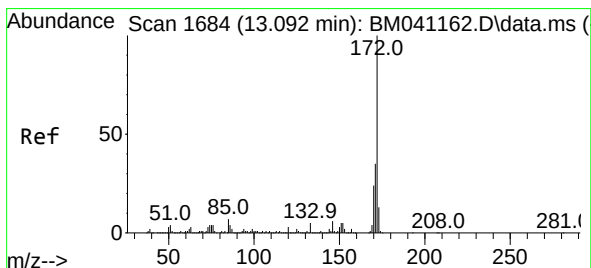
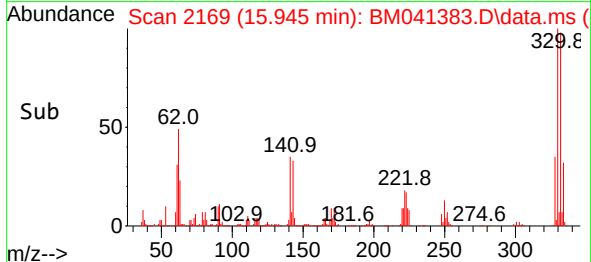
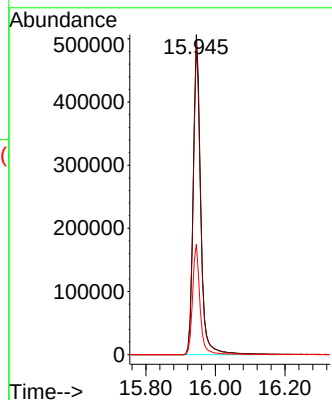
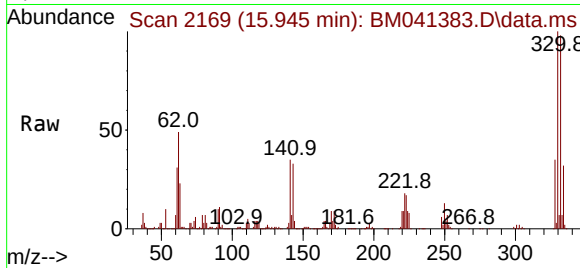




#42
2,4,6-Tribromophenol
Concen: 158.342 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM041383.D
Acq: 11 Aug 2023 12:30

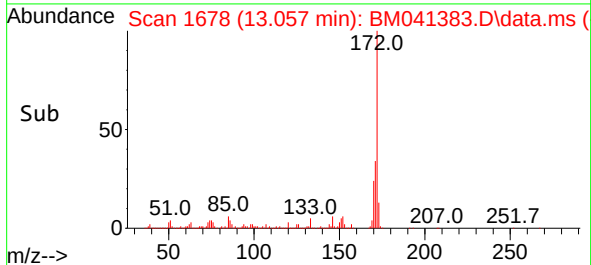
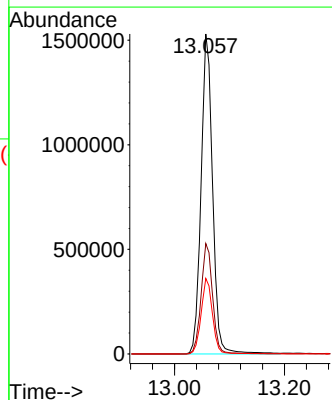
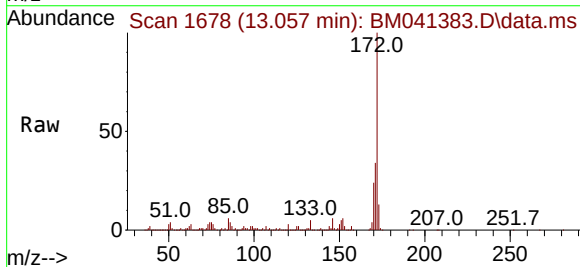
Instrument :
BNA_M
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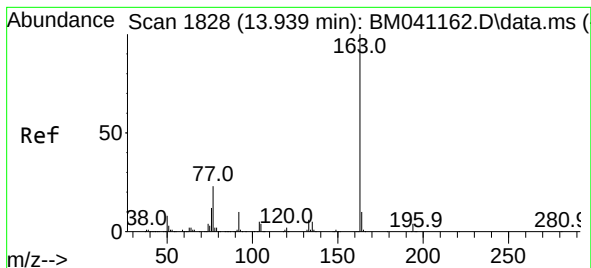
Tgt Ion:330 Resp: 762696
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 34.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 82.824 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BM041383.D
Acq: 11 Aug 2023 12:30

Tgt Ion:172 Resp: 2232740
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.6 18.9 28.3





#50

Dimethylphthalate

Concen: 2.326 ng

RT: 13.916 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041383.D

Acq: 11 Aug 2023 12:30

Instrument :

BNA_M

ClientSampleId :

WC-20

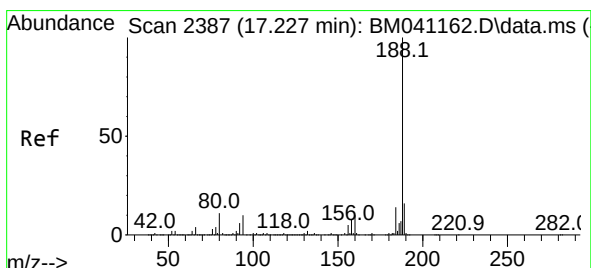
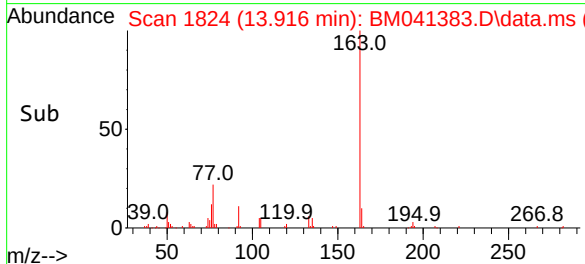
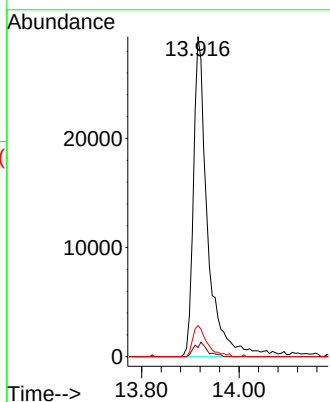
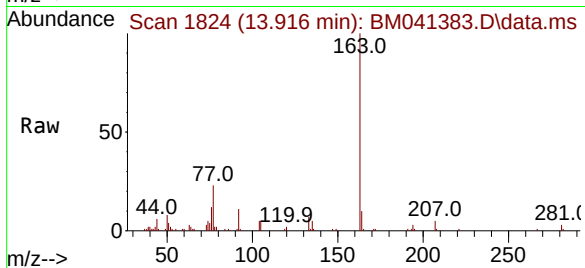
Tgt Ion:163 Resp: 59573

Ion Ratio Lower Upper

163 100

194 2.9 3.3 4.9#

164 9.7 8.3 12.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2383

Delta R.T. -0.000 min

Lab File: BM041383.D

Acq: 11 Aug 2023 12:30

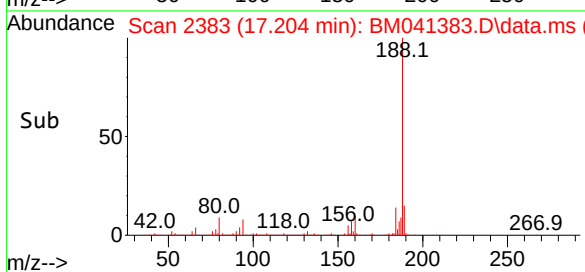
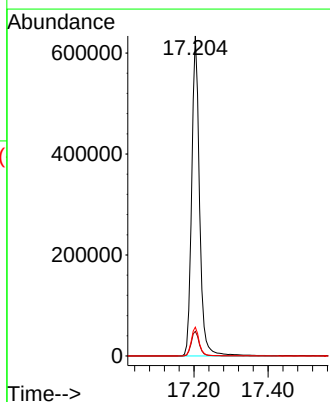
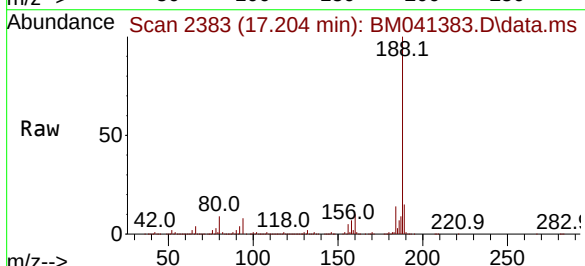
Tgt Ion:188 Resp: 937142

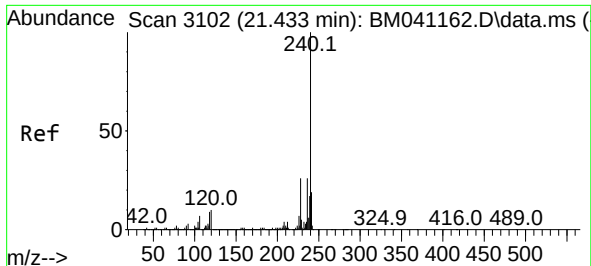
Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.2#

80 9.0 8.6 13.0

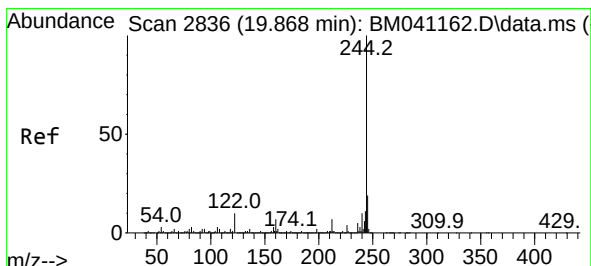
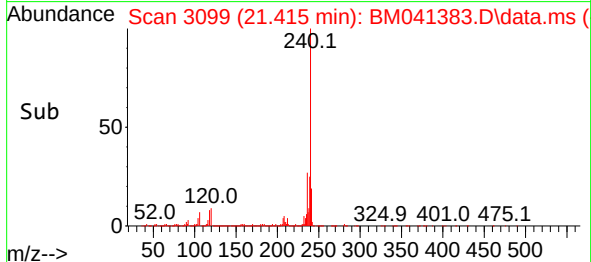
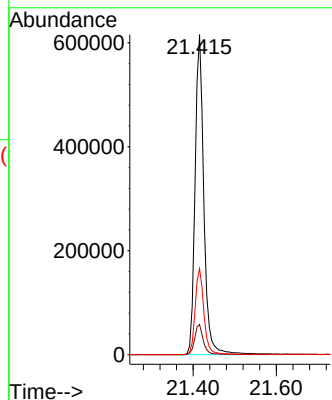
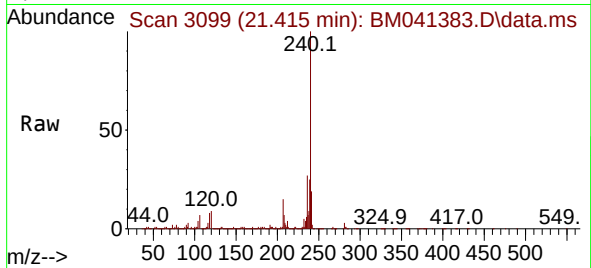




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041383.D
Acq: 11 Aug 2023 12:30

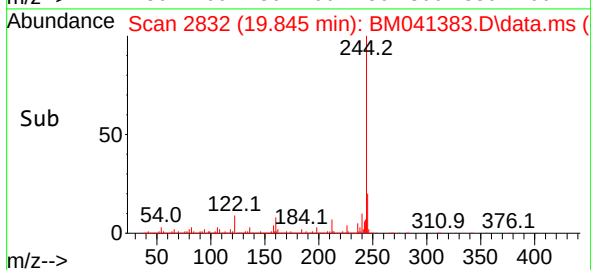
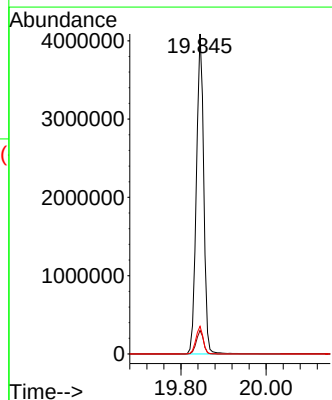
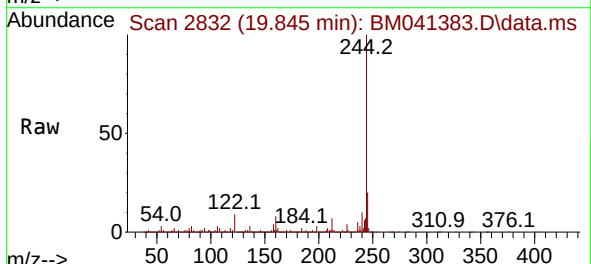
Instrument :
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WC-20

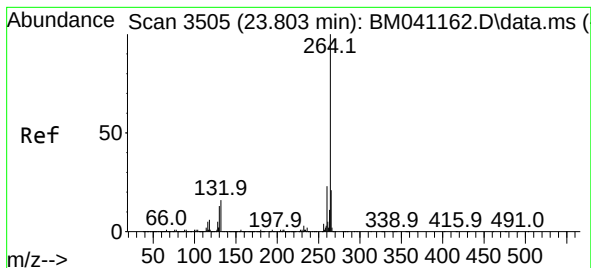
Tgt Ion:240 Resp: 904781
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 26.8 20.6 30.8



#79
Terphenyl-d14
Concen: 97.574 ng
RT: 19.845 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BM041383.D
Acq: 11 Aug 2023 12:30

Tgt Ion:244 Resp: 4882775
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 8.7 7.8 11.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.785 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM041383.D

Acq: 11 Aug 2023 12:30

Instrument :

BNA_M

ClientSampleId :

WC-20

Tgt Ion:264 Resp: 210125

Ion Ratio Lower Upper

264 100

260 29.8 18.5 27.7#

265 23.4 17.4 26.0

