

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041363.D
 Acq On : 10 Aug 2023 15:17
 Operator : MA/JU
 Sample : 03954-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-16

Quant Time: Aug 11 03:33:17 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)

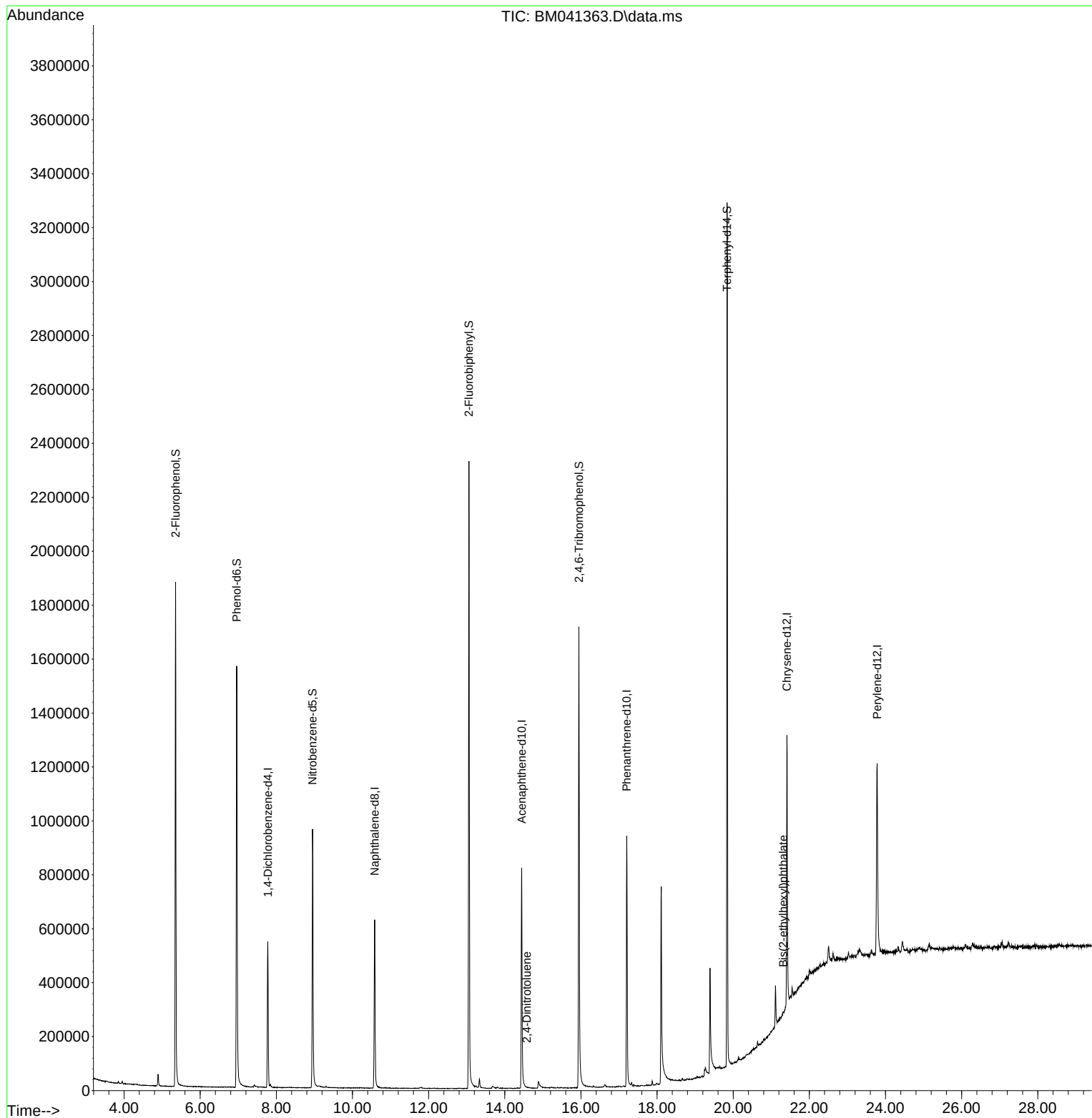
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	140590	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	528707	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	308797	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	599742	20.000	ng	0.00
76) Chrysene-d12	21.409	240	531729	20.000	ng	0.00
86) Perylene-d12	23.780	264	666488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	758095	80.592	ng	0.00
7) Phenol-d6	6.957	99	904330	74.167	ng	-0.01
23) Nitrobenzene-d5	8.951	82	573183	50.417	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	353992	81.046	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1230234	50.327	ng	0.00
79) Terphenyl-d14	19.839	244	1536045	52.231	ng	-0.01
Target Compounds						
57) 2,4-Dinitrotoluene	14.580	165	220	2.701	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	4204	2.724	ng	# 97

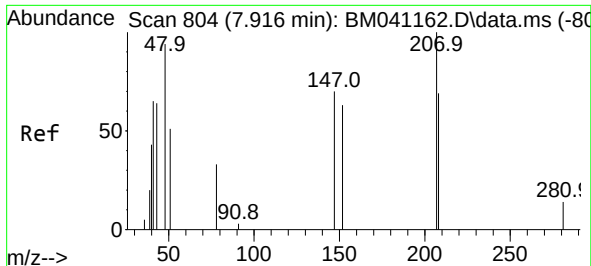
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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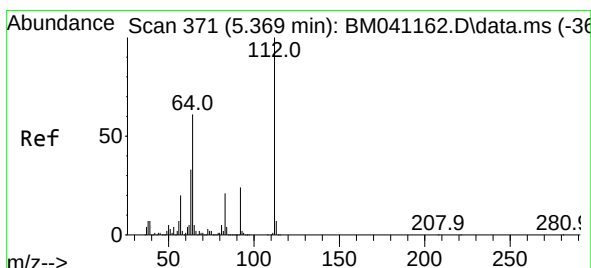
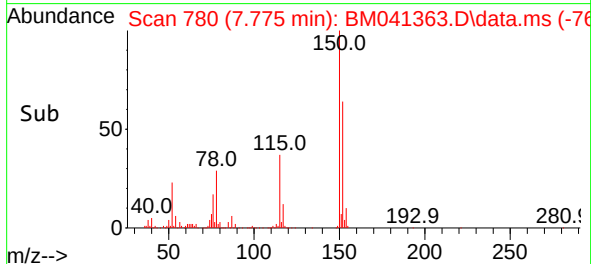
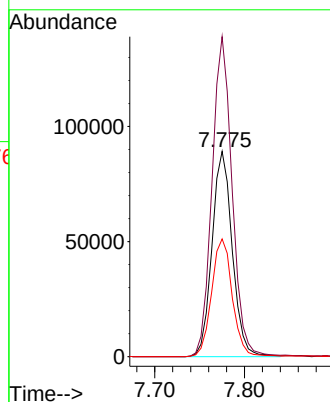
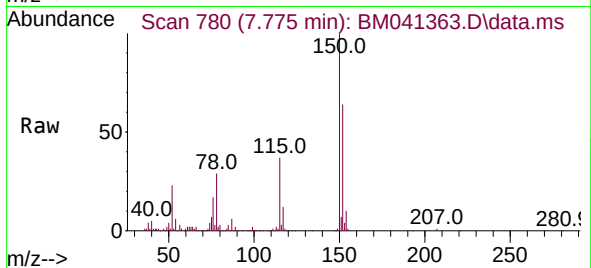




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041363.D
Acq: 10 Aug 2023 15:17

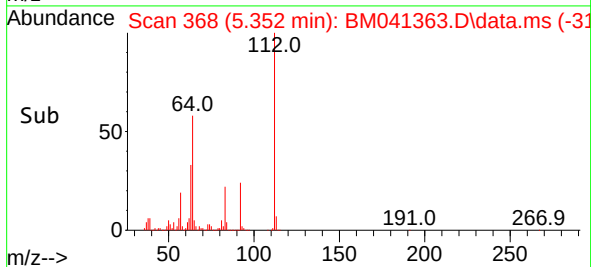
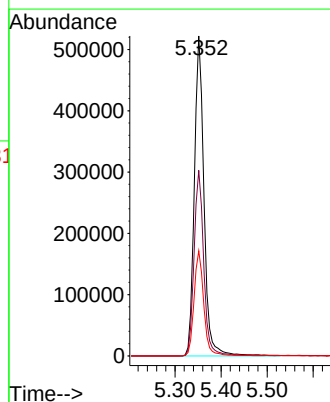
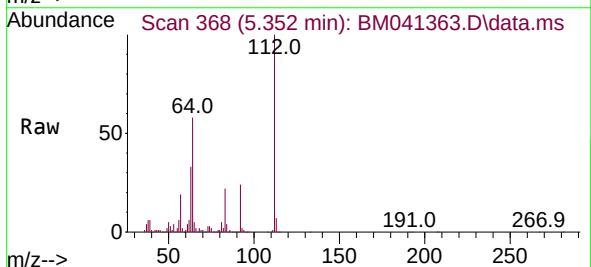
Instrument :
BNA_M
ClientSampleId :
WC-16

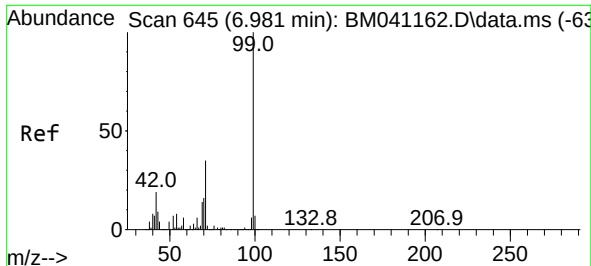
Tgt Ion:152 Resp: 140590
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 57.3 48.0 72.0



#5
2-Fluorophenol
Concen: 80.592 ng
RT: 5.352 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041363.D
Acq: 10 Aug 2023 15:17

Tgt Ion:112 Resp: 758095
Ion Ratio Lower Upper
112 100
64 58.0 48.5 72.7
63 32.8 26.5 39.7

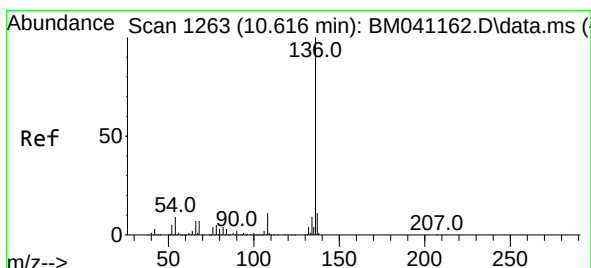
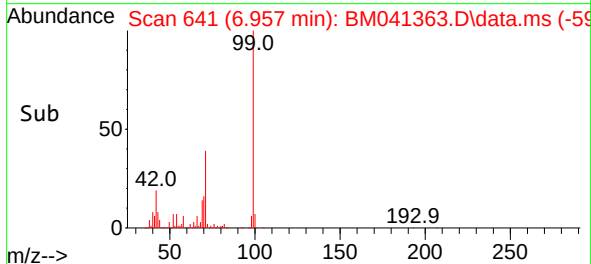
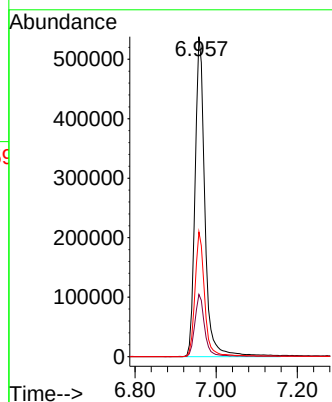
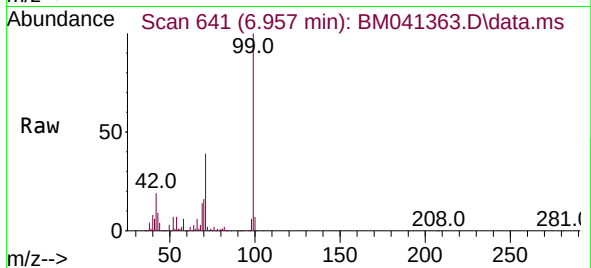




#7
Phenol-d6
Concen: 74.167 ng
RT: 6.957 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM041363.D
Acq: 10 Aug 2023 15:17

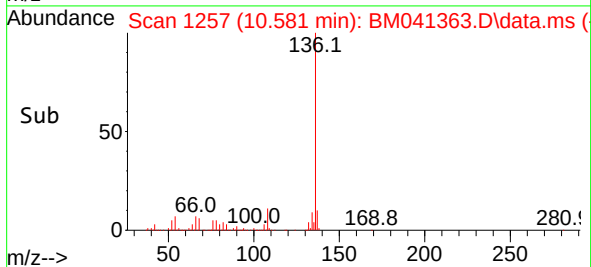
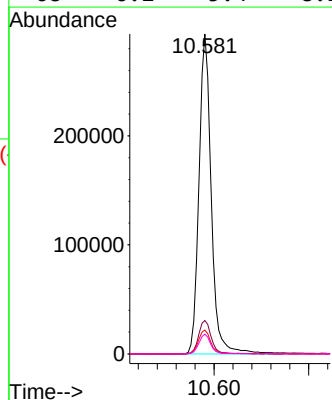
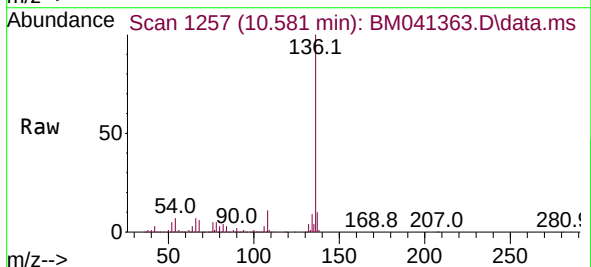
Instrument :
BNA_M
ClientSampleId :
WC-16

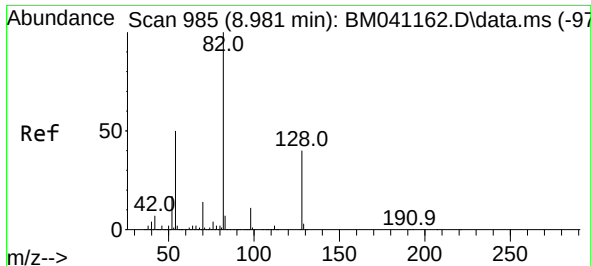
Tgt Ion: 99 Resp: 904330
Ion Ratio Lower Upper
99 100
42 19.4 15.4 23.0
71 39.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041363.D
Acq: 10 Aug 2023 15:17

Tgt Ion:136 Resp: 528707
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.4 6.9 10.3
68 6.2 5.4 8.2

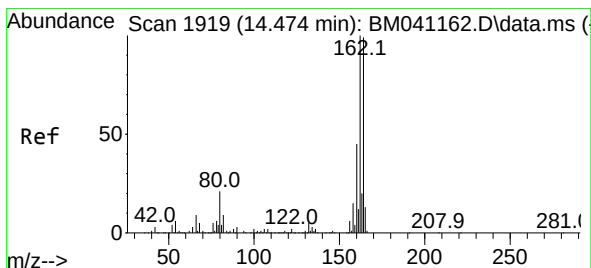
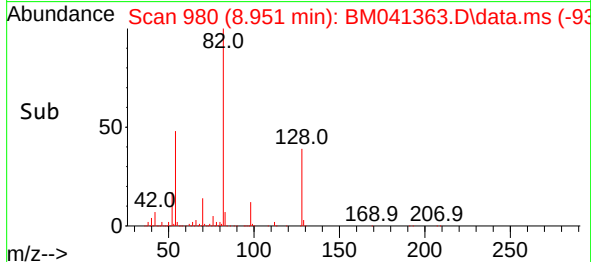
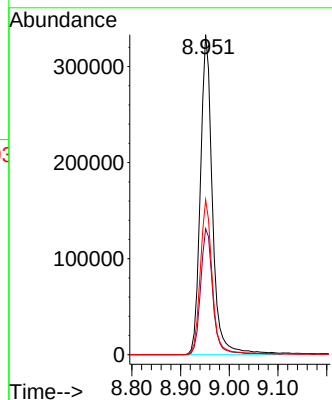
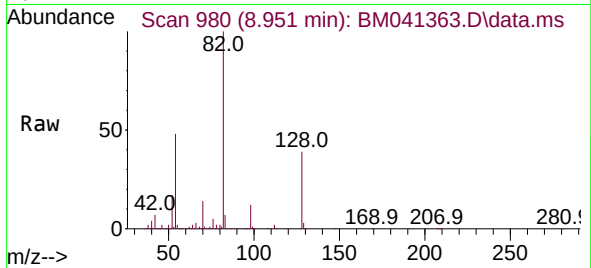




#23
Nitrobenzene-d5
Concen: 50.417 ng
RT: 8.951 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM041363.D
Acq: 10 Aug 2023 15:17

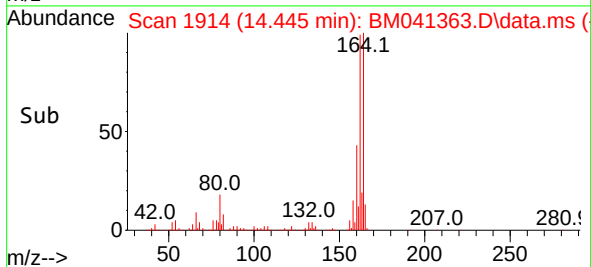
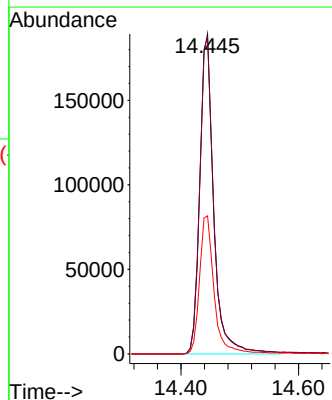
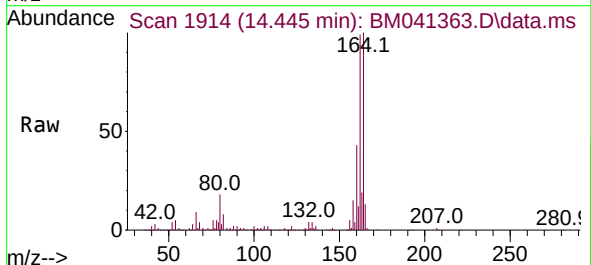
Instrument :
BNA_M
ClientSampleId :
WC-16

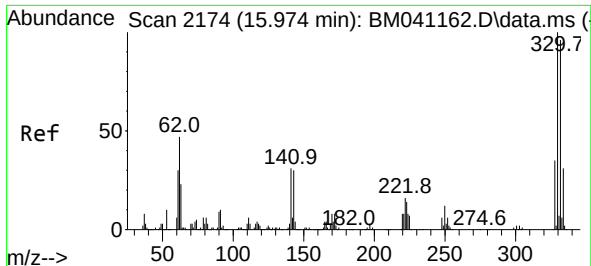
Tgt Ion: 82 Resp: 573183
Ion Ratio Lower Upper
82 100
128 39.3 31.8 47.6
54 48.4 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BM041363.D
Acq: 10 Aug 2023 15:17

Tgt Ion: 164 Resp: 308797
Ion Ratio Lower Upper
164 100
162 99.0 80.4 120.6
160 43.1 36.2 54.2

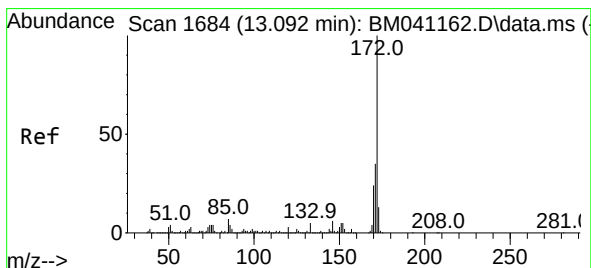
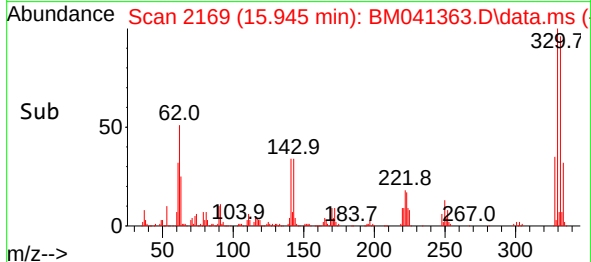
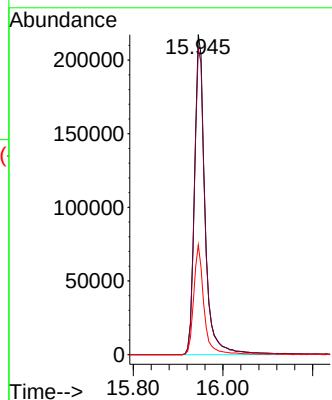
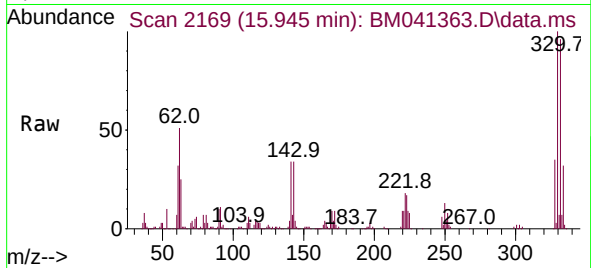




#42
2,4,6-Tribromophenol
Concen: 81.046 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041363.D
Acq: 10 Aug 2023 15:17

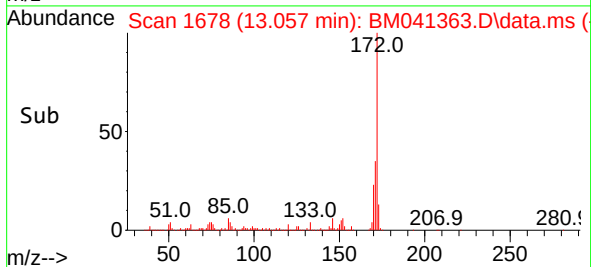
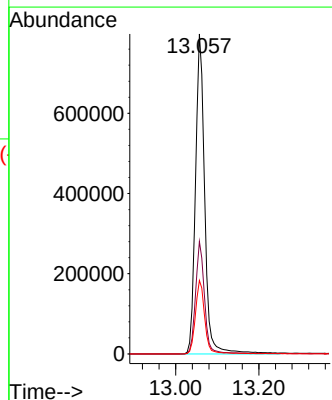
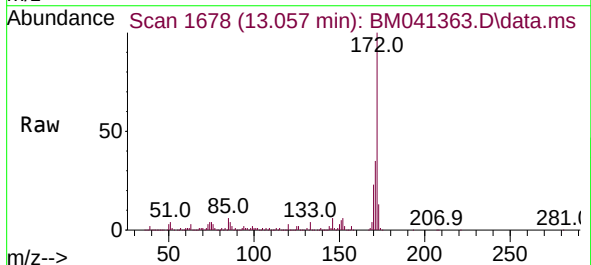
Instrument :
BNA_M
ClientSampleId :
WC-16

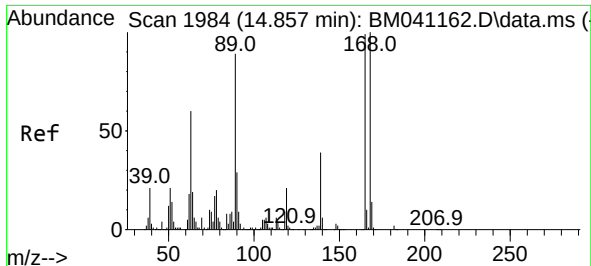
Tgt Ion:330 Resp: 353992
Ion Ratio Lower Upper
330 100
332 97.9 77.7 116.5
141 33.3 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 50.327 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BM041363.D
Acq: 10 Aug 2023 15:17

Tgt Ion:172 Resp: 1230234
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 22.9 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 2.701 ng

RT: 14.580 min Scan# 19

Delta R.T. -0.265 min

Lab File: BM041363.D

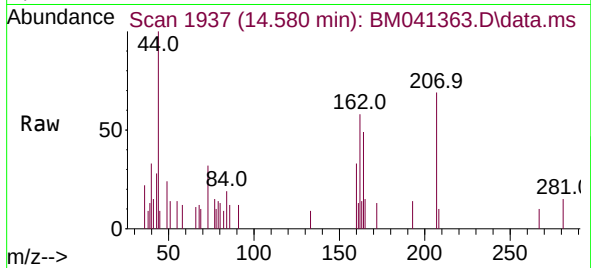
Acq: 10 Aug 2023 15:17

Instrument :

BNA_M

ClientSampleId :

WC-16



Tgt Ion:165 Resp: 220

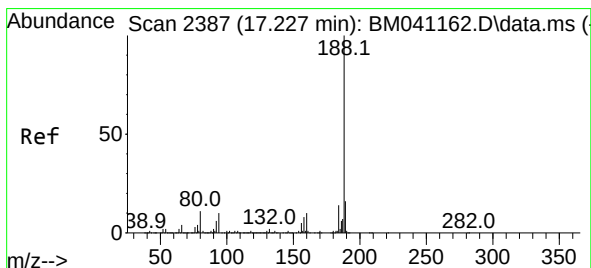
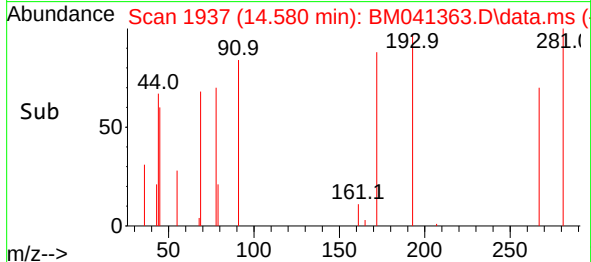
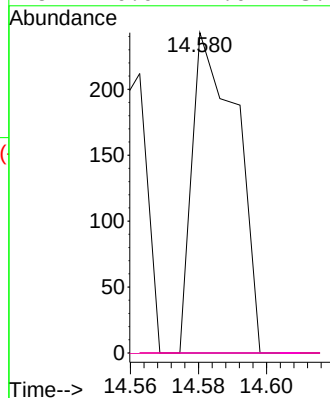
Ion Ratio Lower Upper

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: BM041363.D

Acq: 10 Aug 2023 15:17

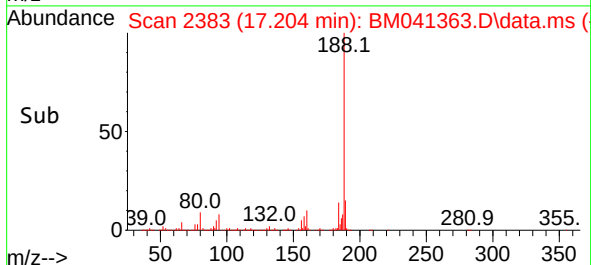
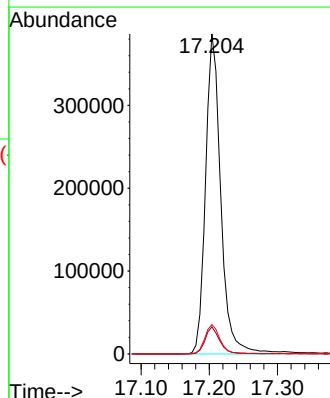
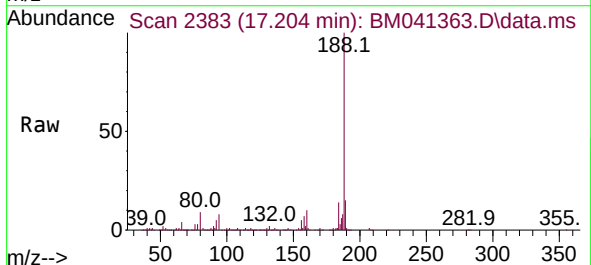
Tgt Ion:188 Resp: 599742

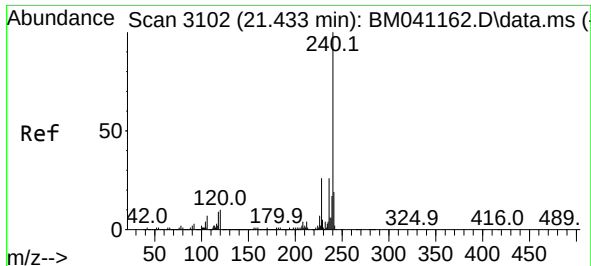
Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

80 9.1 8.6 13.0

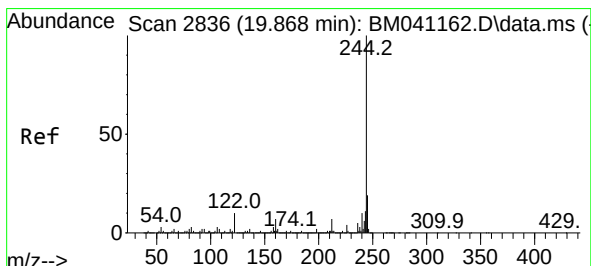
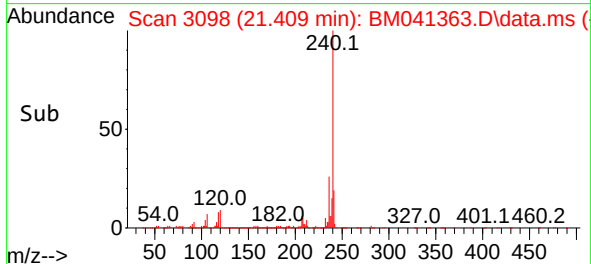
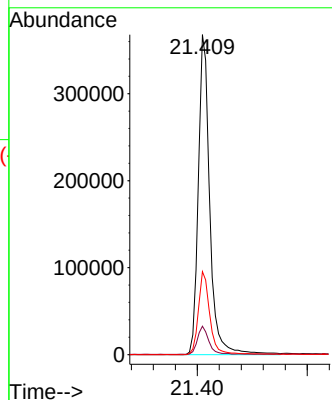
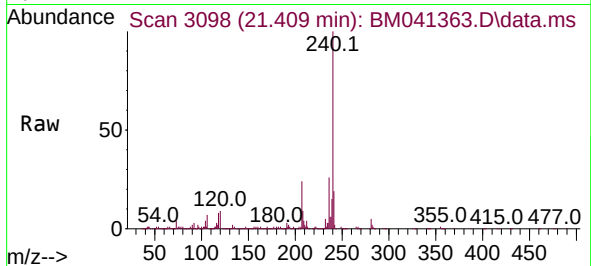




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041363.D
Acq: 10 Aug 2023 15:17

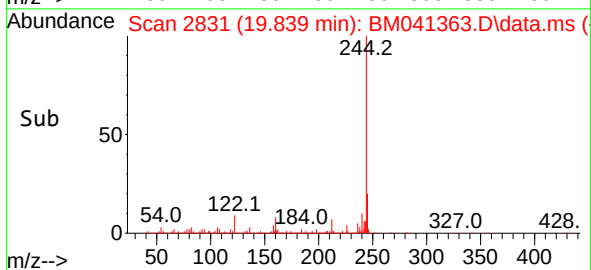
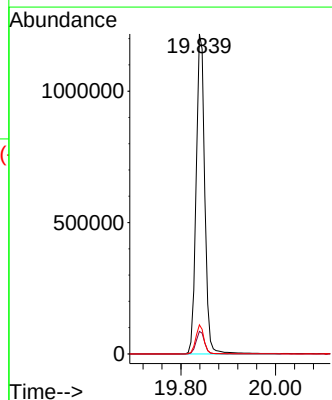
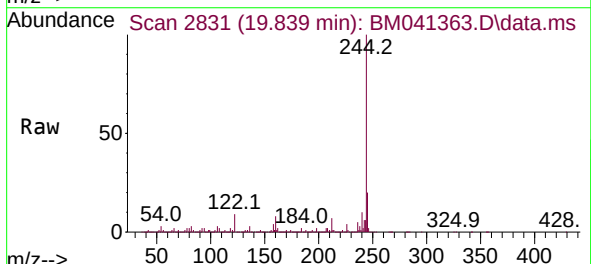
Instrument :
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WC-16

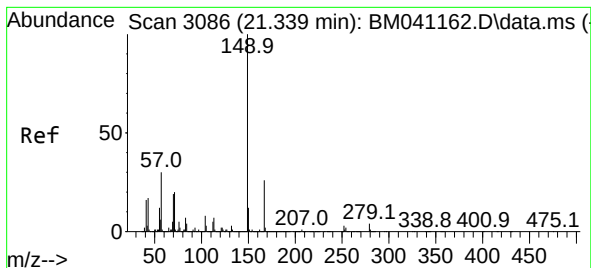
Tgt Ion:240 Resp: 531729
Ion Ratio Lower Upper
240 100
120 8.9 8.3 12.5
236 25.9 20.6 30.8



#79
Terphenyl-d14
Concen: 52.231 ng
RT: 19.839 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BM041363.D
Acq: 10 Aug 2023 15:17

Tgt Ion:244 Resp: 1536045
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.1 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.724 ng

RT: 21.315 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041363.D

Acq: 10 Aug 2023 15:17

Instrument :

BNA_M

ClientSampleId :

WC-16

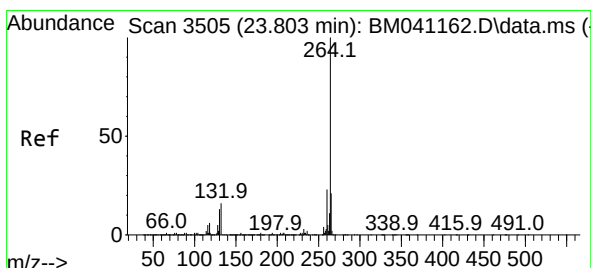
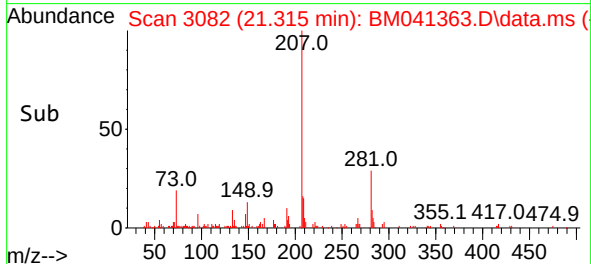
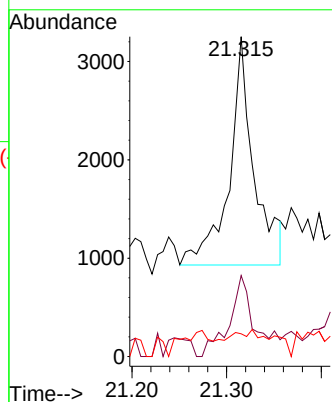
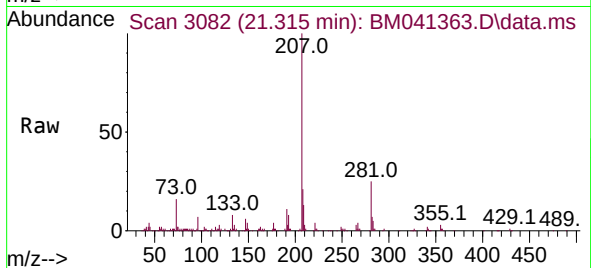
Tgt Ion:149 Resp: 4204

Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.6

279 7.1 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3501

Delta R.T. 0.000 min

Lab File: BM041363.D

Acq: 10 Aug 2023 15:17

Tgt Ion:264 Resp: 666488

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 23.0 17.4 26.0

