

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041373.D
 Acq On : 10 Aug 2023 21:31
 Operator : MA/JU
 Sample : 03954-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-21

Quant Time: Aug 11 03:36:36 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)

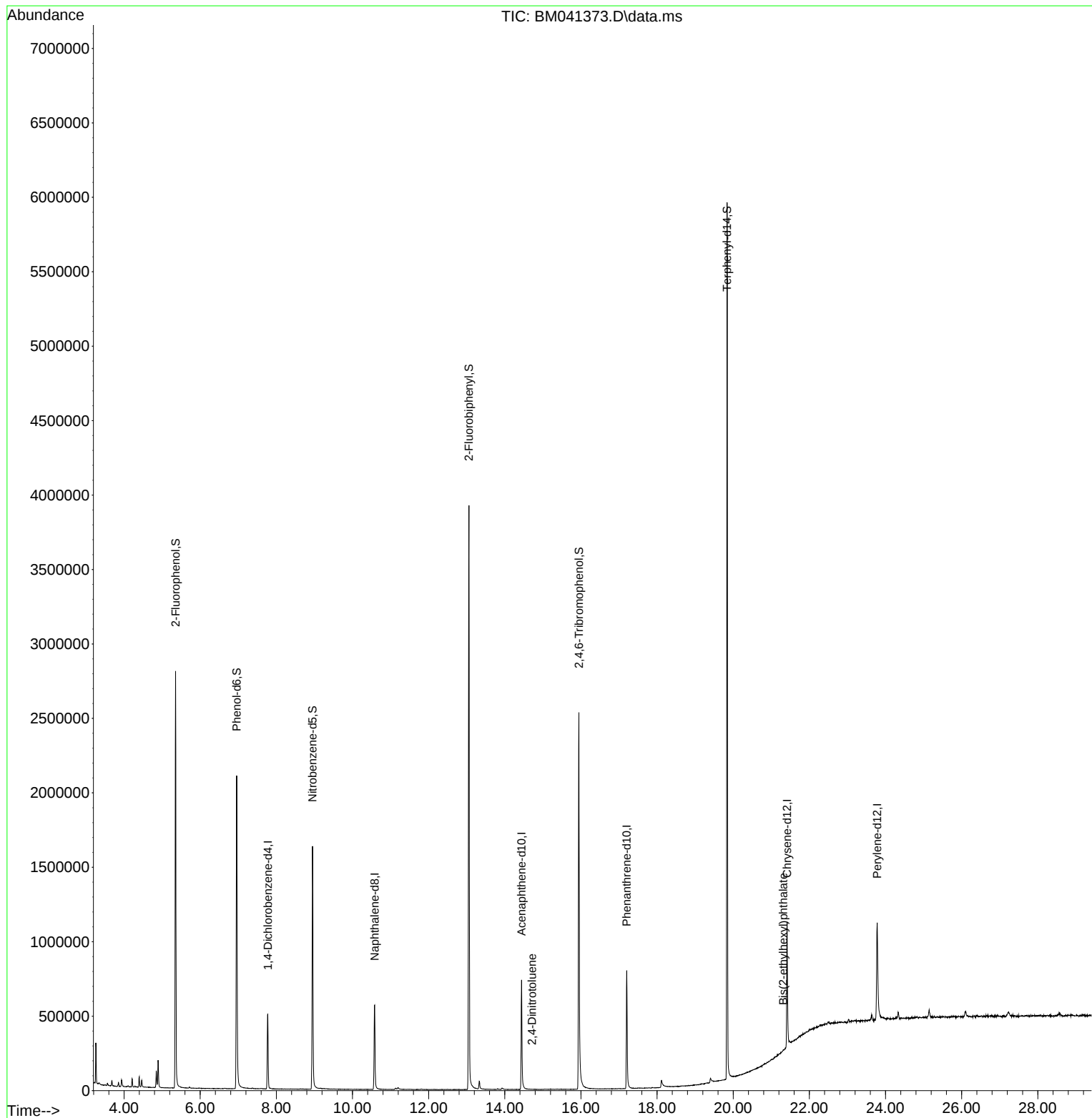
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	134956	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	489633	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	276506	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	539644	20.000	ng	0.00
76) Chrysene-d12	21.415	240	490691	20.000	ng	0.00
86) Perylene-d12	23.780	264	638192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1114629	123.441	ng	0.00
7) Phenol-d6	6.957	99	1186312	101.354	ng	-0.01
23) Nitrobenzene-d5	8.951	82	960255	91.203	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	547912	140.094	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2037873	93.102	ng	0.00
79) Terphenyl-d14	19.839	244	2832127	104.356	ng	-0.01
Target Compounds						
57) 2,4-Dinitrotoluene	14.715	165	59	2.680	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	1543	2.613	ng	# 87

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

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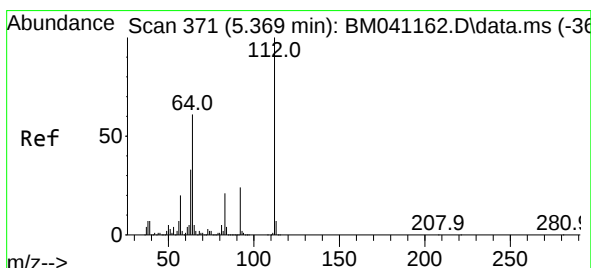
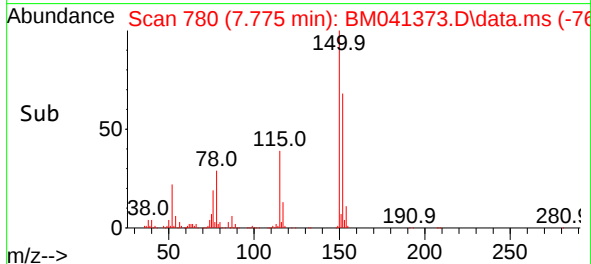
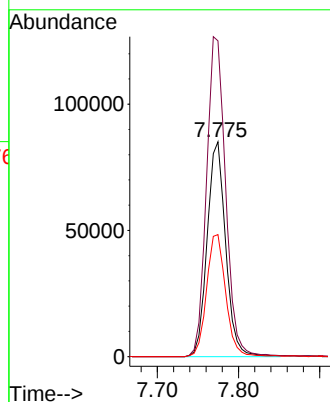
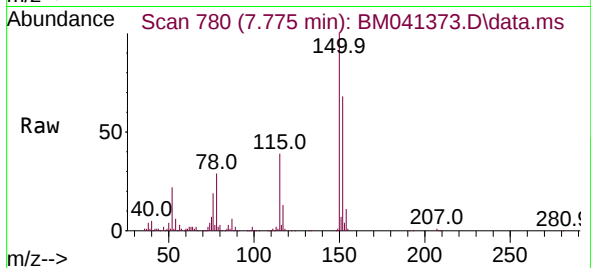




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041373.D
Acq: 10 Aug 2023 21:31

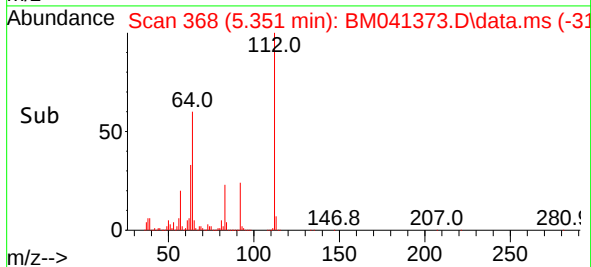
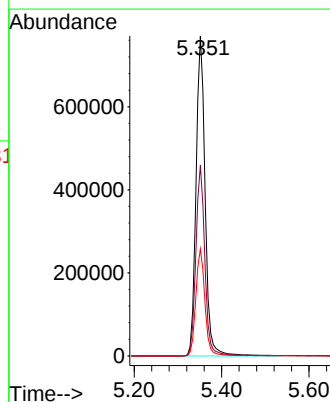
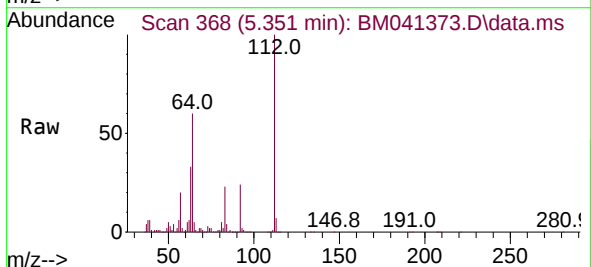
Instrument :
BNA_M
ClientSampleId :
WC-21

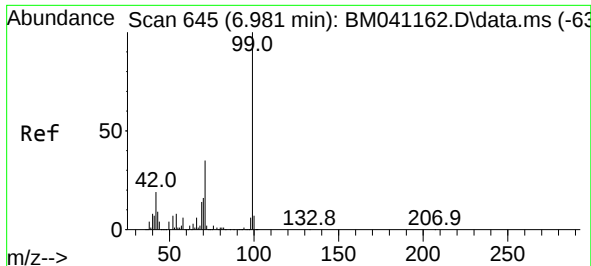
Tgt Ion:152 Resp: 134956
Ion Ratio Lower Upper
152 100
150 147.1 125.5 188.3
115 56.8 48.0 72.0



#5
2-Fluorophenol
Concen: 123.441 ng
RT: 5.351 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041373.D
Acq: 10 Aug 2023 21:31

Tgt Ion:112 Resp: 1114629
Ion Ratio Lower Upper
112 100
64 59.5 48.5 72.7
63 33.4 26.5 39.7

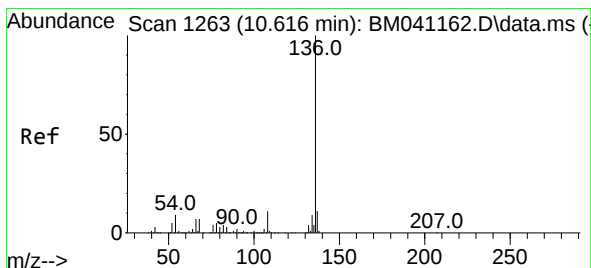
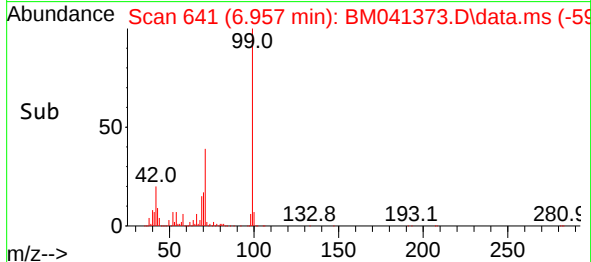
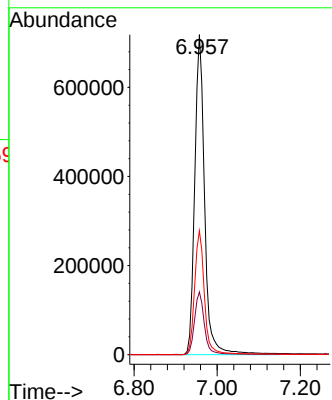
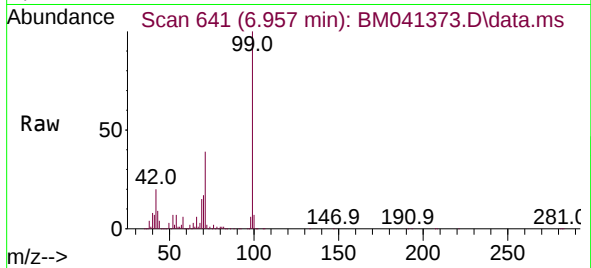




#7
Phenol-d6
Concen: 101.354 ng
RT: 6.957 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM041373.D
Acq: 10 Aug 2023 21:31

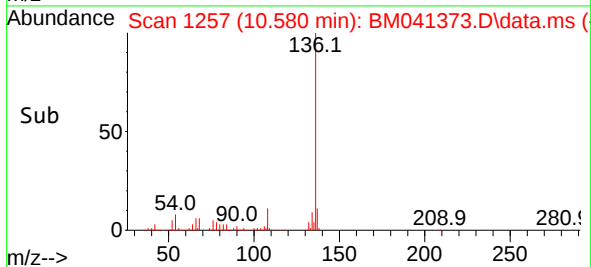
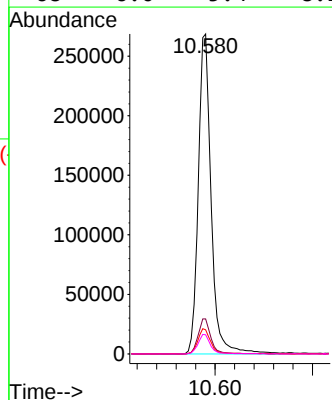
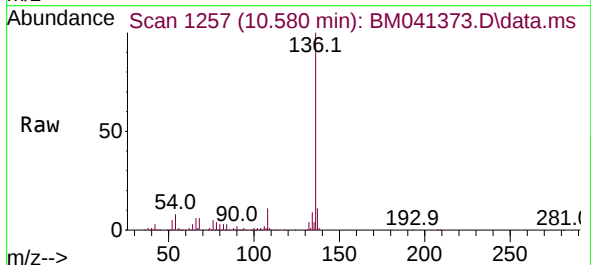
Instrument :
BNA_M
ClientSampleId :
WC-21

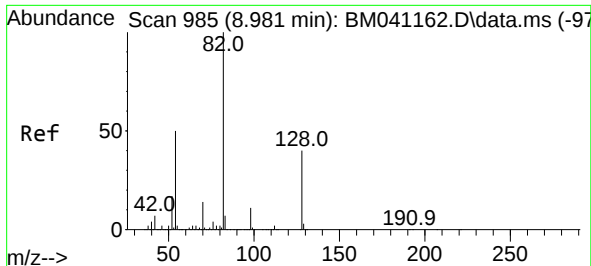
Tgt Ion: 99 Resp: 1186312
Ion Ratio Lower Upper
99 100
42 19.6 15.4 23.0
71 38.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041373.D
Acq: 10 Aug 2023 21:31

Tgt Ion:136 Resp: 489633
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 6.9 10.3
68 6.0 5.4 8.2

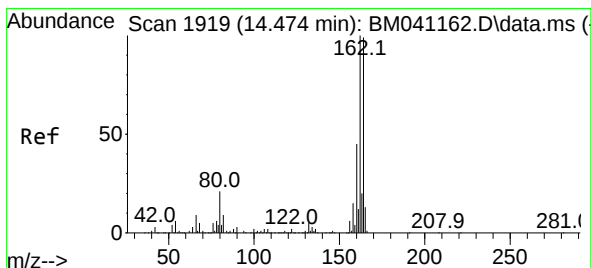
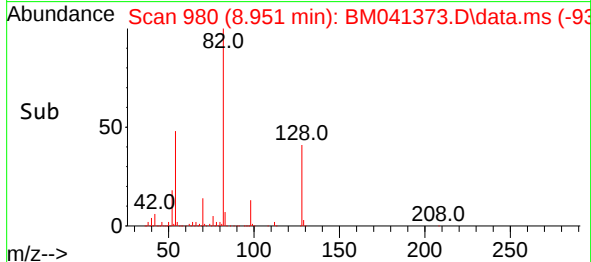
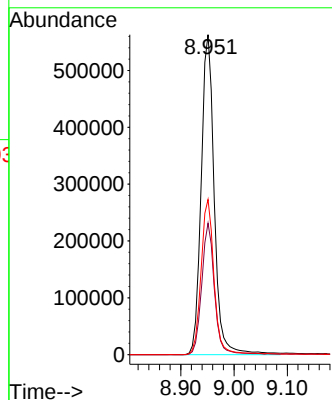
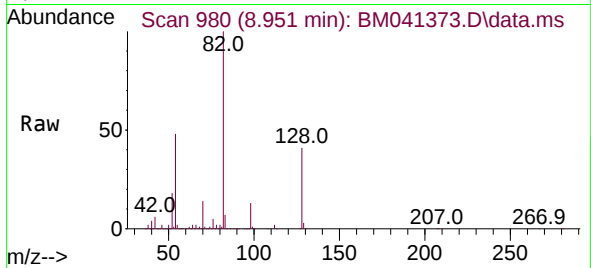




#23
Nitrobenzene-d5
Concen: 91.203 ng
RT: 8.951 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM041373.D
Acq: 10 Aug 2023 21:31

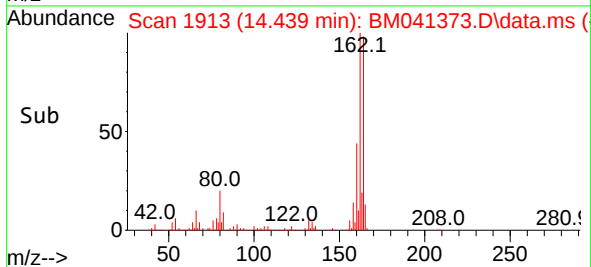
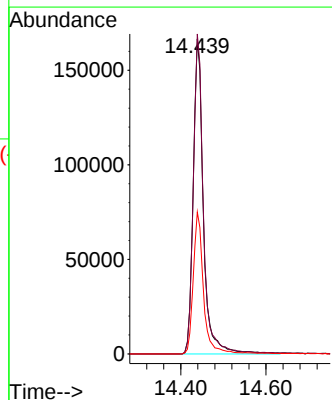
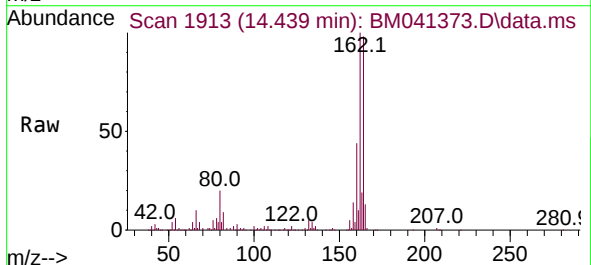
Instrument :
BNA_M
ClientSampleId :
WC-21

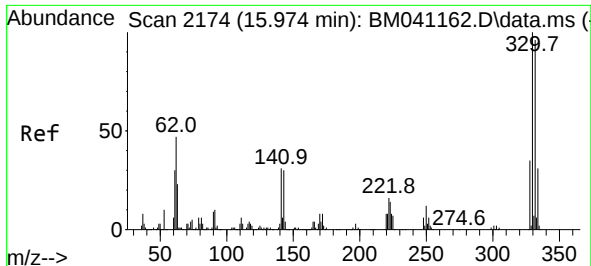
Tgt Ion: 82 Resp: 960255
Ion Ratio Lower Upper
82 100
128 41.1 31.8 47.6
54 48.5 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BM041373.D
Acq: 10 Aug 2023 21:31

Tgt Ion: 164 Resp: 276506
Ion Ratio Lower Upper
164 100
162 101.6 80.4 120.6
160 45.0 36.2 54.2

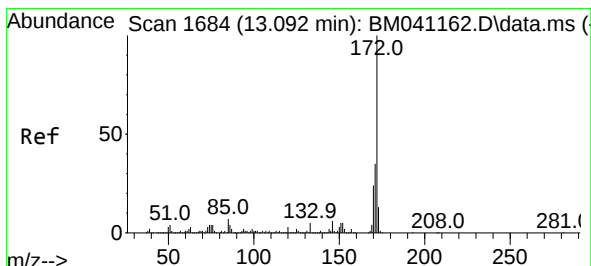
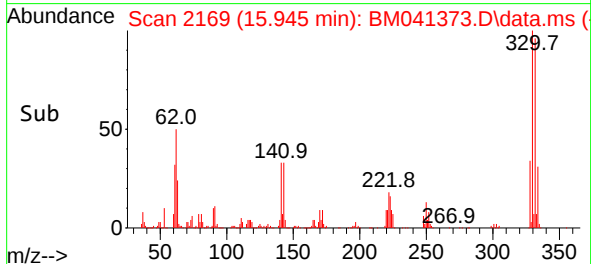
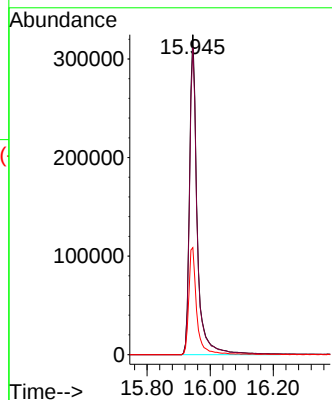
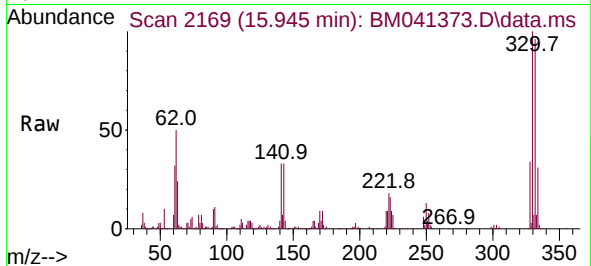




#42
2,4,6-Tribromophenol
Concen: 140.094 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041373.D
Acq: 10 Aug 2023 21:31

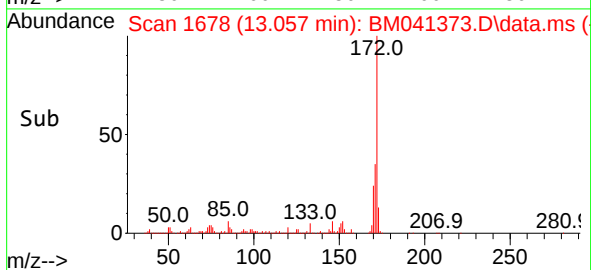
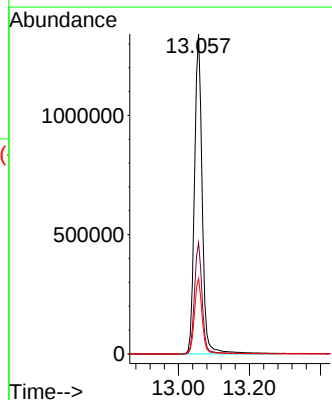
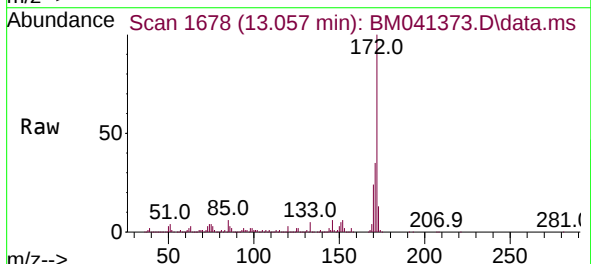
Instrument :
BNA_M
ClientSampleId :
WC-21

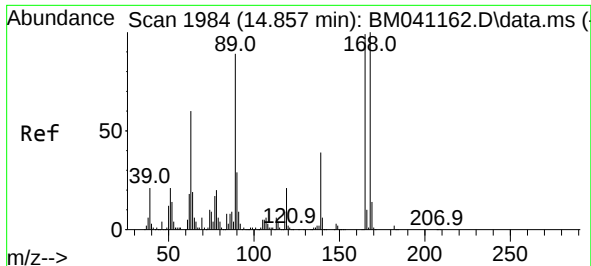
Tgt Ion:330 Resp: 547912
Ion Ratio Lower Upper
330 100
332 94.9 77.7 116.5
141 34.6 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 93.102 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BM041373.D
Acq: 10 Aug 2023 21:31

Tgt Ion:172 Resp: 2037873
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.6 18.9 28.3

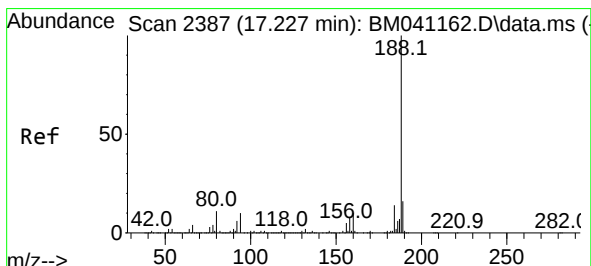
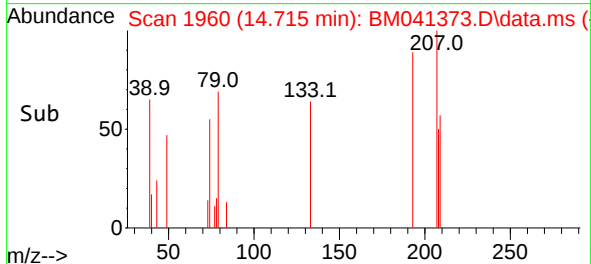
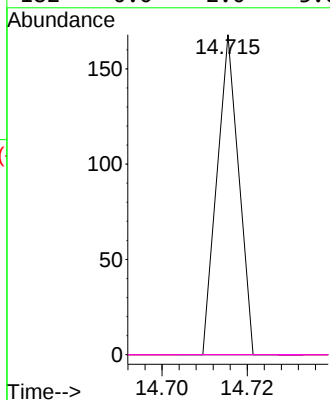
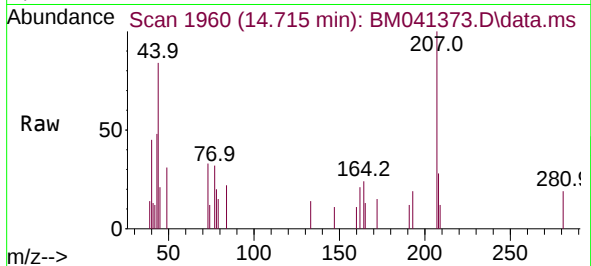




#57
2,4-Dinitrotoluene
Concen: 2.680 ng
RT: 14.715 min Scan# 1984
Delta R.T. -0.130 min
Lab File: BM041373.D
Acq: 10 Aug 2023 21:31

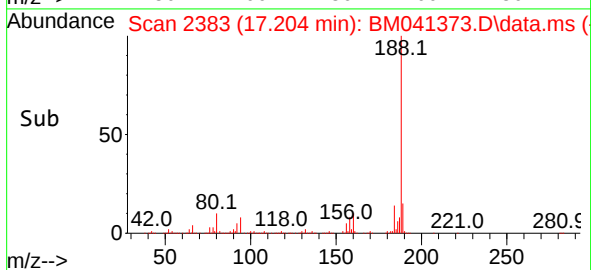
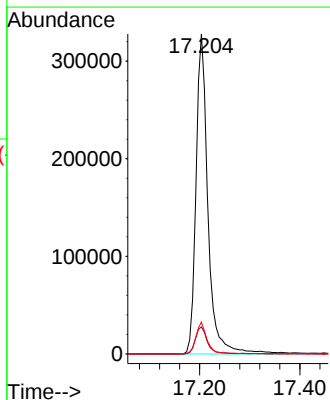
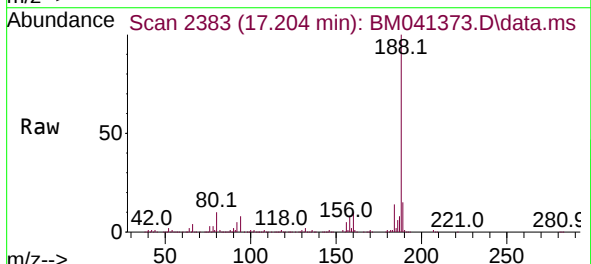
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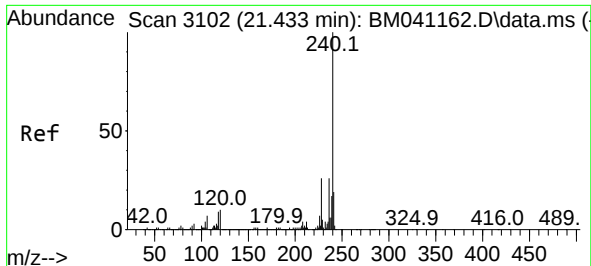
Tgt Ion:165 Resp: 59
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BM041373.D
Acq: 10 Aug 2023 21:31

Tgt Ion:188 Resp: 539644
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.9 8.6 13.0

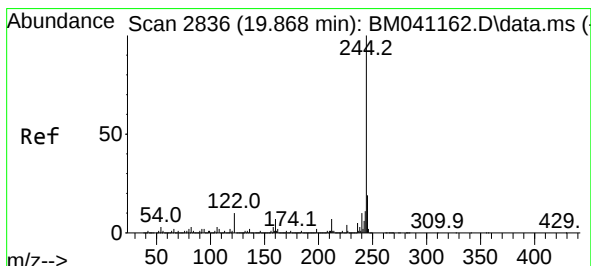
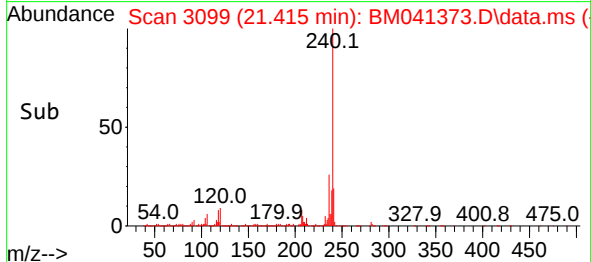
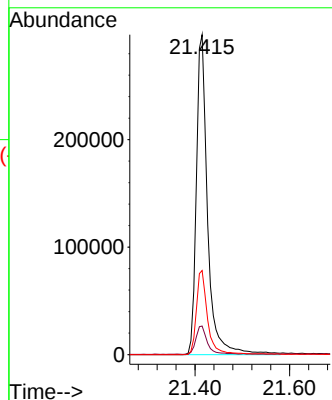
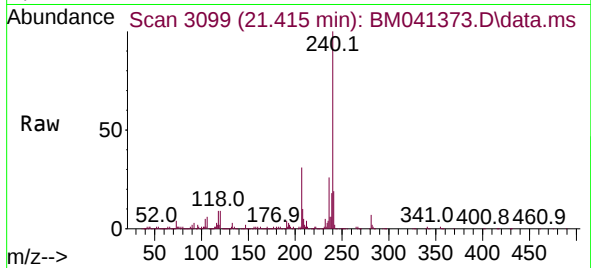




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041373.D
Acq: 10 Aug 2023 21:31

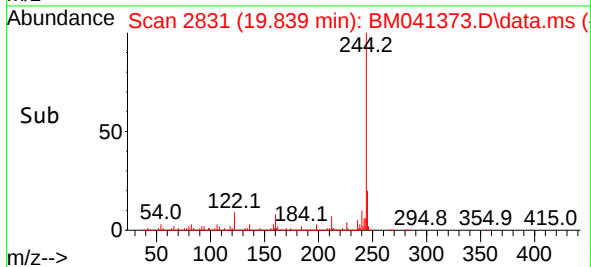
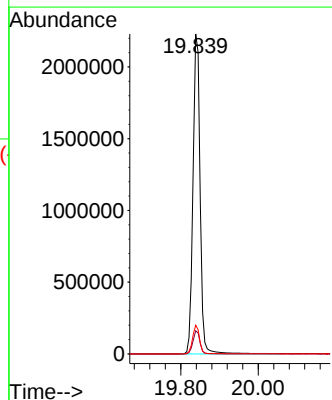
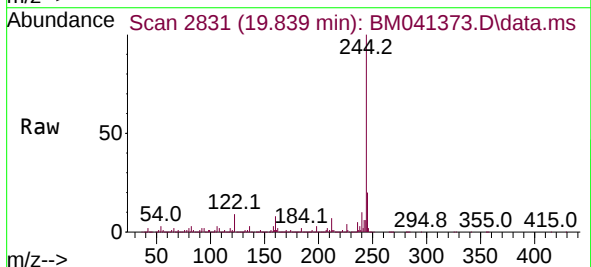
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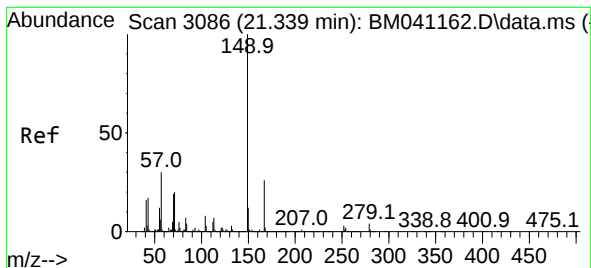
Tgt Ion:240 Resp: 490691
Ion Ratio Lower Upper
240 100
120 8.9 8.3 12.5
236 26.3 20.6 30.8



#79
Terphenyl-d14
Concen: 104.356 ng
RT: 19.839 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BM041373.D
Acq: 10 Aug 2023 21:31

Tgt Ion:244 Resp: 2832127
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.0 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.613 ng

RT: 21.315 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041373.D

Acq: 10 Aug 2023 21:31

Instrument :

BNA_M

ClientSampleId :

WC-21

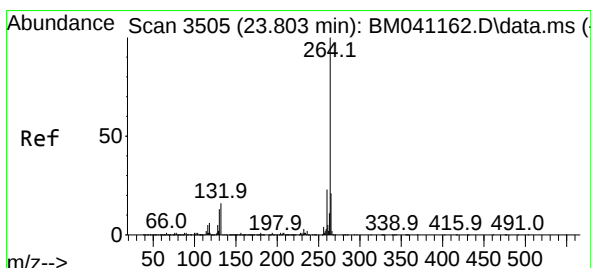
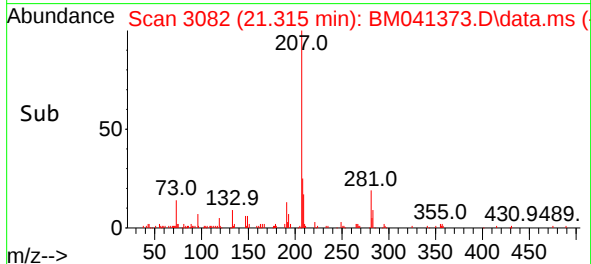
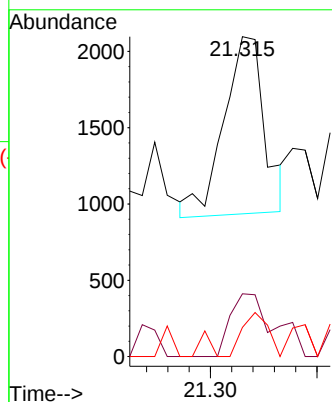
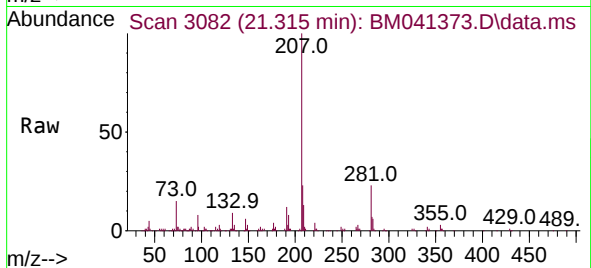
Tgt Ion:149 Resp: 1543

Ion Ratio Lower Upper

149 100

167 19.6 21.0 31.6#

279 9.1 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: BM041373.D

Acq: 10 Aug 2023 21:31

Tgt Ion:264 Resp: 638192

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.5 17.4 26.0

