

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041367.D
 Acq On : 10 Aug 2023 17:47
 Operator : MA/JU
 Sample : 03955-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-25

Quant Time: Aug 11 03:34:31 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)

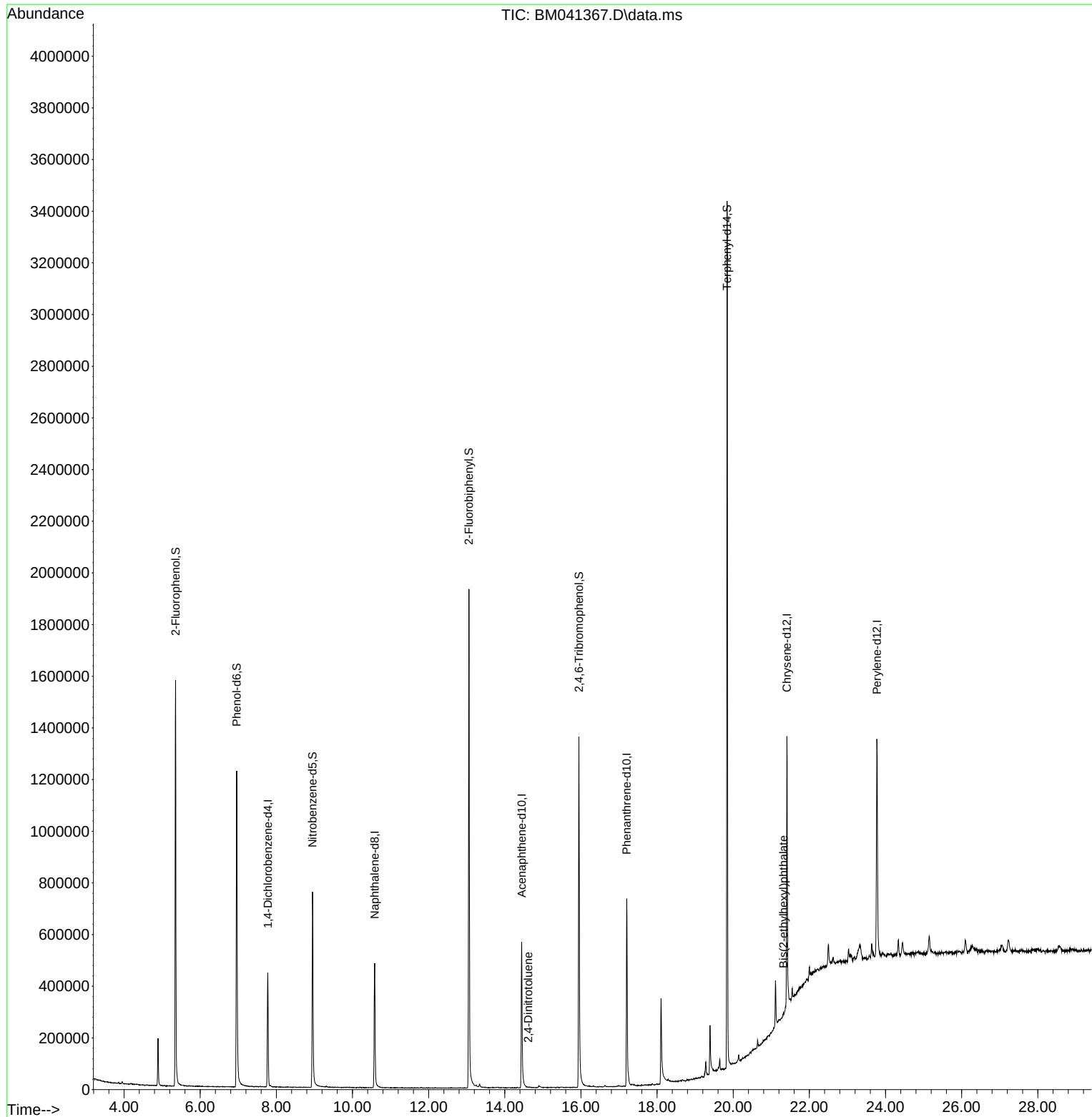
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	115797	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	417309	20.000	ng	# 0.00
39) Acenaphthene-d10	14.445	164	233678	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	492532	20.000	ng	# 0.00
76) Chrysene-d12	21.409	240	531373	20.000	ng	0.00
86) Perylene-d12	23.774	264	687620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	655663	84.626	ng	0.00
7) Phenol-d6	6.957	99	744886	74.170	ng	-0.01
23) Nitrobenzene-d5	8.951	82	491923	54.819	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	290556	87.907	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1079211	58.341	ng	0.00
79) Terphenyl-d14	19.839	244	1651887	56.207	ng	-0.01
Target Compounds						
57) 2,4-Dinitrotoluene	14.615	165	54	2.680	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.321	149	2045	2.629	ng	# 91

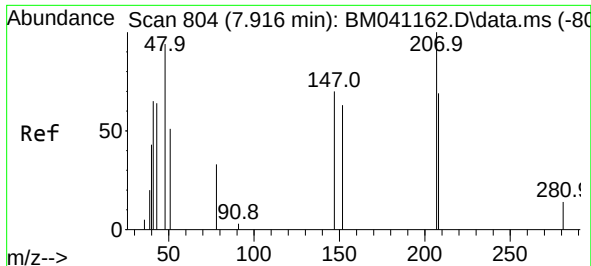
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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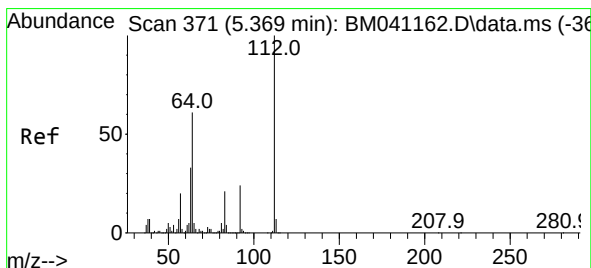
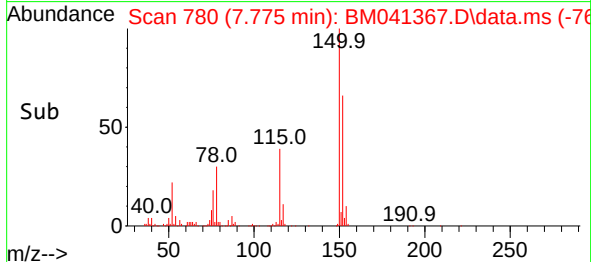
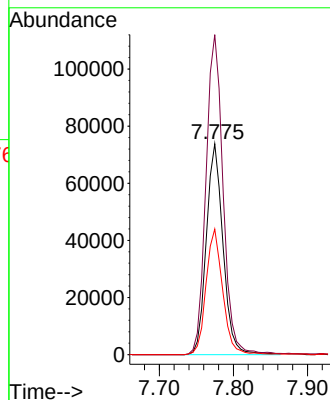
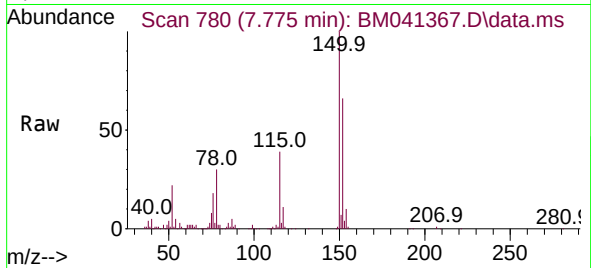




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

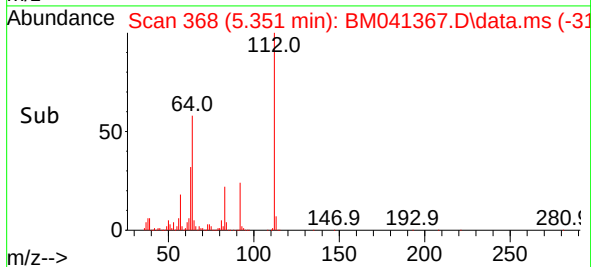
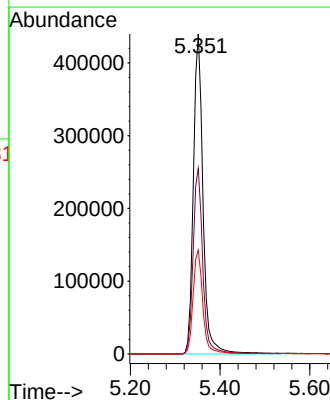
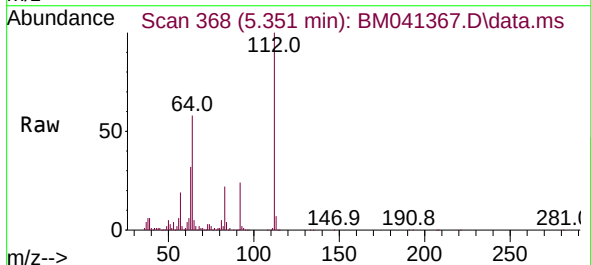
Instrument :
BNA_M
ClientSampleId :
WC-25

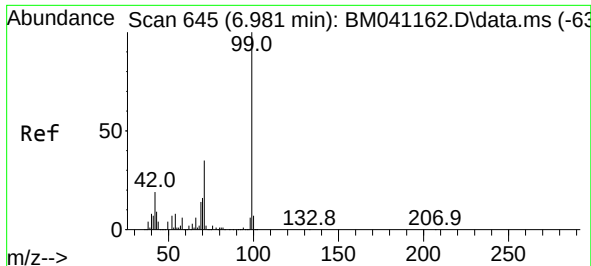
Tgt Ion:152 Resp: 115797
Ion Ratio Lower Upper
152 100
150 151.8 125.5 188.3
115 59.5 48.0 72.0



#5
2-Fluorophenol
Concen: 84.626 ng
RT: 5.351 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

Tgt Ion:112 Resp: 655663
Ion Ratio Lower Upper
112 100
64 57.9 48.5 72.7
63 32.4 26.5 39.7

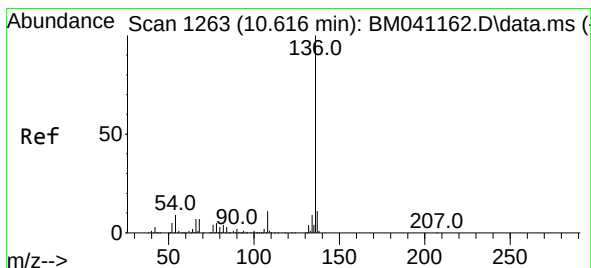
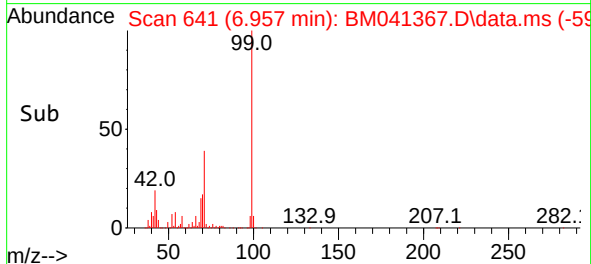
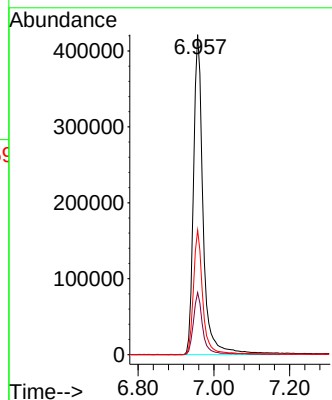
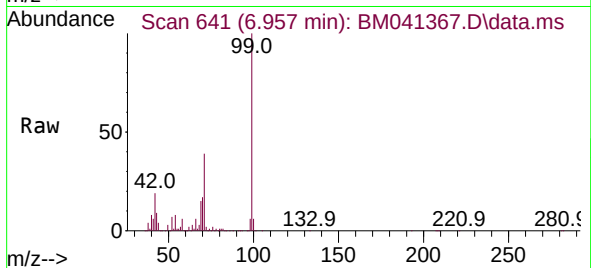




#7
Phenol-d6
Concen: 74.170 ng
RT: 6.957 min Scan# 641
Delta R.T. -0.012 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

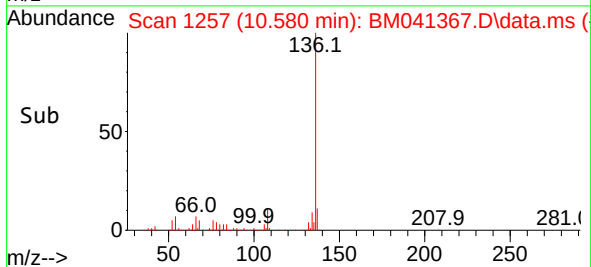
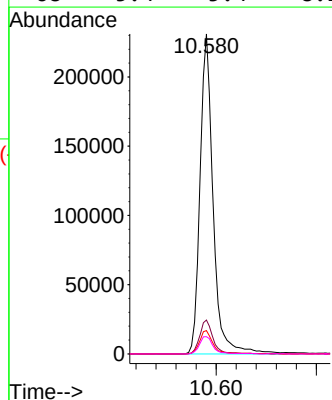
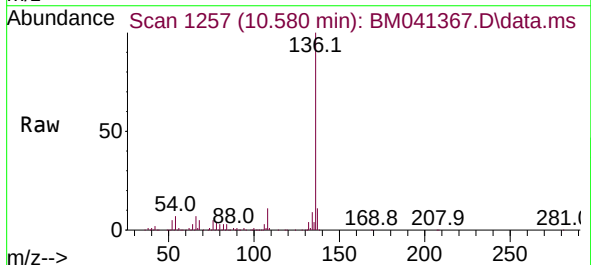
Instrument :
BNA_M
ClientSampleId :
WC-25

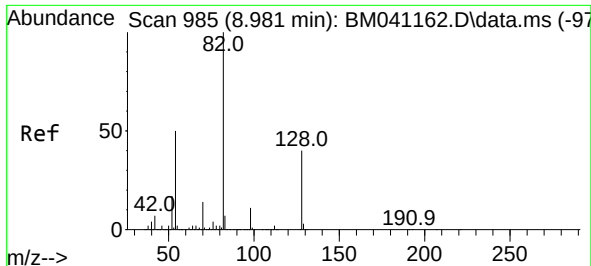
Tgt Ion: 99 Resp: 744886
Ion Ratio Lower Upper
99 100
42 19.4 15.4 23.0
71 38.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

Tgt Ion: 136 Resp: 417309
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.3 6.9 10.3
68 5.4 5.4 8.2#

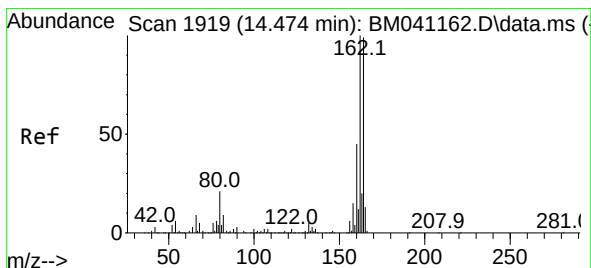
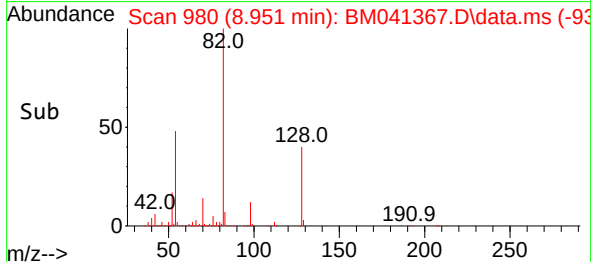
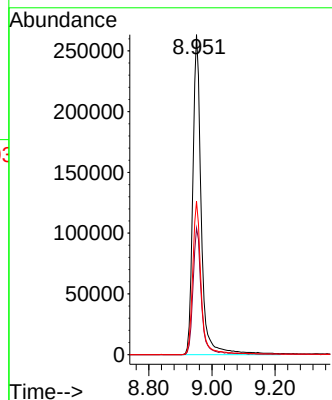
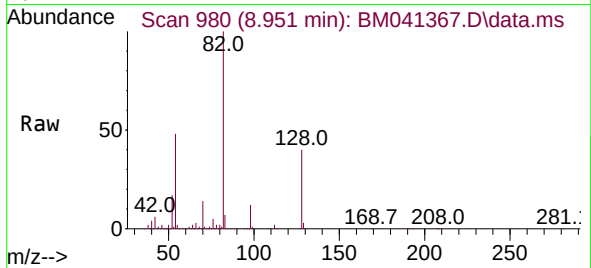




#23
Nitrobenzene-d5
Concen: 54.819 ng
RT: 8.951 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

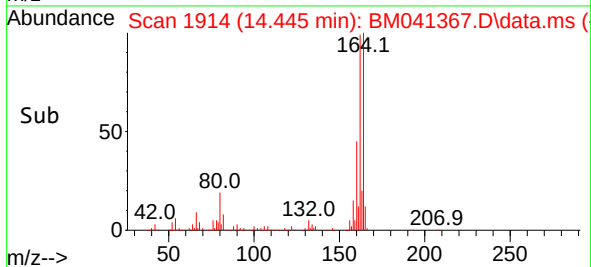
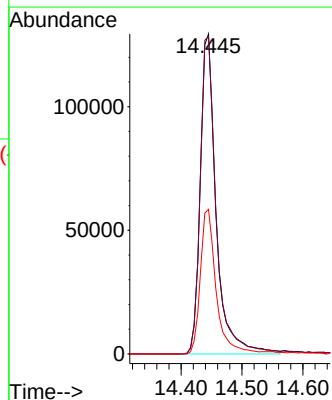
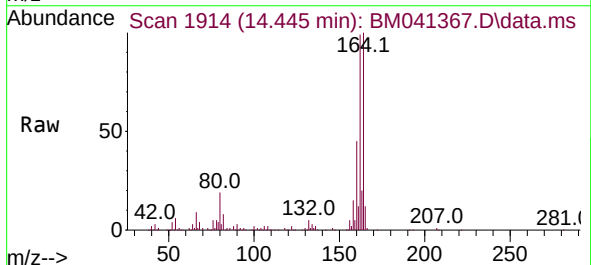
Instrument :
BNA_M
ClientSampleId :
WC-25

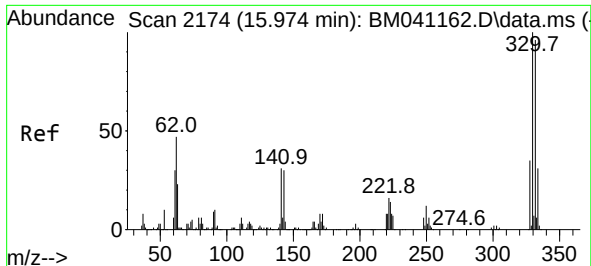
Tgt Ion: 82 Resp: 491923
Ion Ratio Lower Upper
82 100
128 39.5 31.8 47.6
54 47.9 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

Tgt Ion: 164 Resp: 233678
Ion Ratio Lower Upper
164 100
162 99.2 80.4 120.6
160 45.2 36.2 54.2

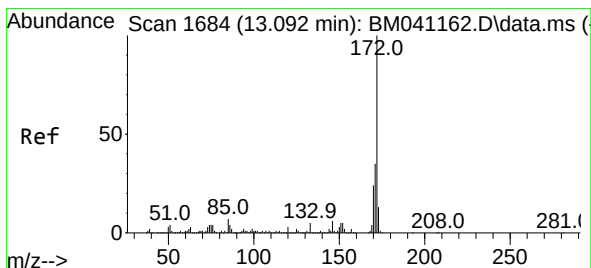
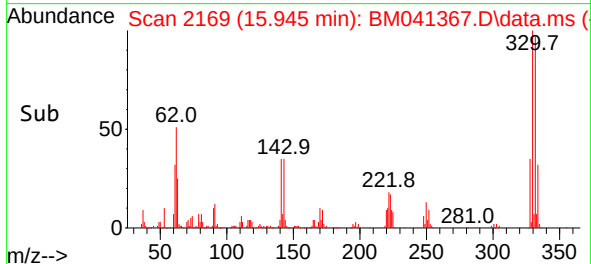
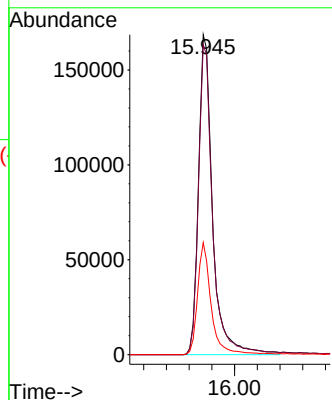
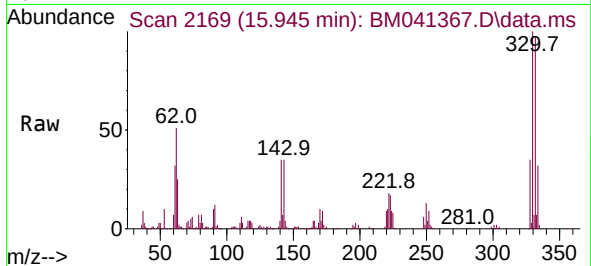




#42
2,4,6-Tribromophenol
Concen: 87.907 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

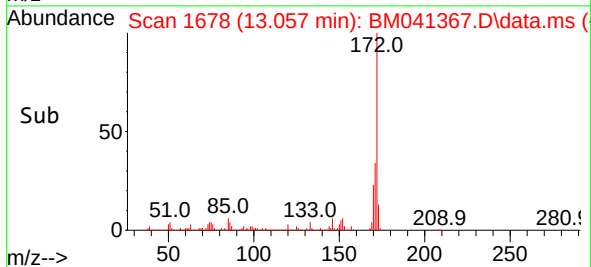
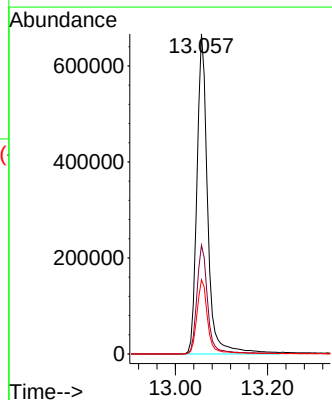
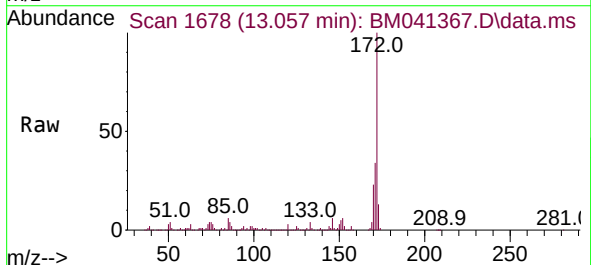
Instrument :
BNA_M
ClientSampleId :
WC-25

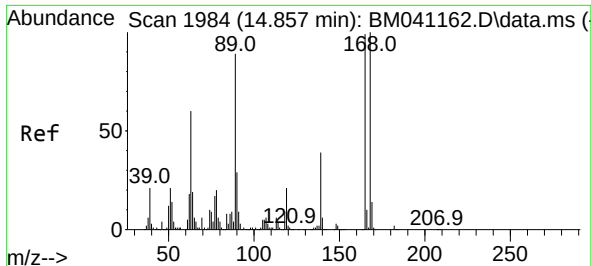
Tgt Ion:330 Resp: 290556
Ion Ratio Lower Upper
330 100
332 97.5 77.7 116.5
141 33.6 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 58.341 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

Tgt Ion:172 Resp: 1079211
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 23.2 18.9 28.3

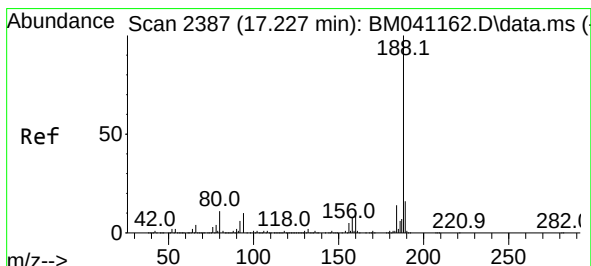
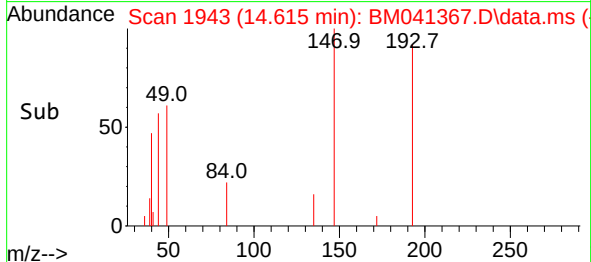
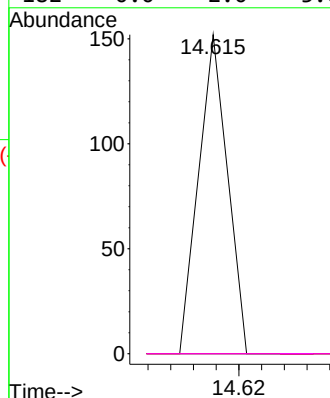
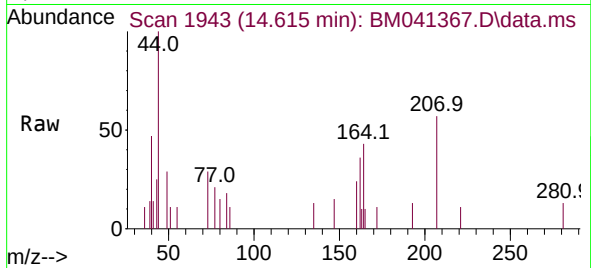




#57
2,4-Dinitrotoluene
Concen: 2.680 ng
RT: 14.615 min Scan# 1984
Delta R.T. -0.230 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

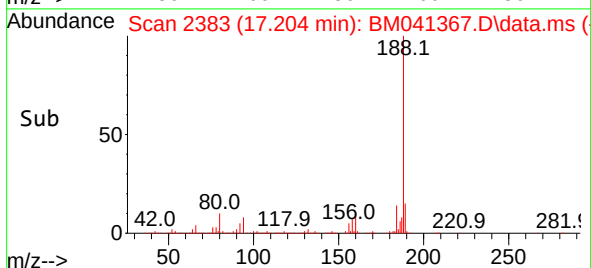
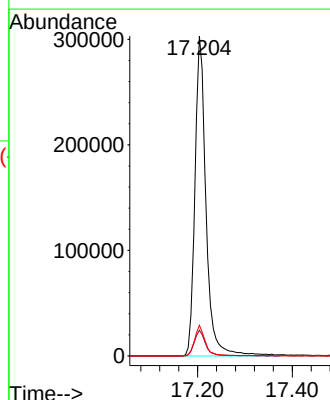
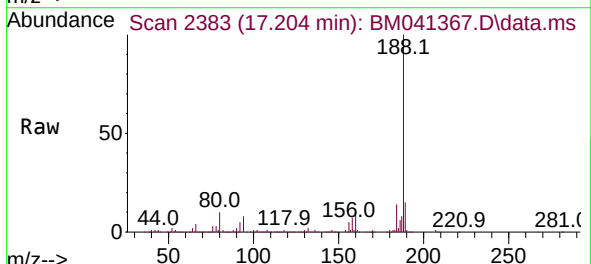
Instrument :
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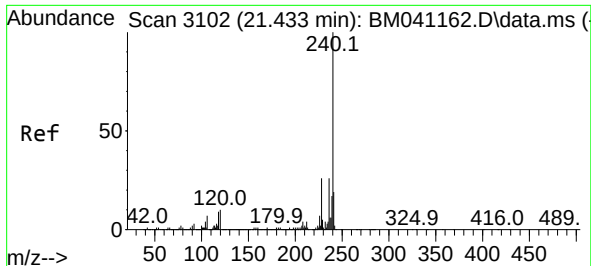
Tgt Ion:165 Resp: 54
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

Tgt Ion:188 Resp: 492532
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 9.6 8.6 13.0

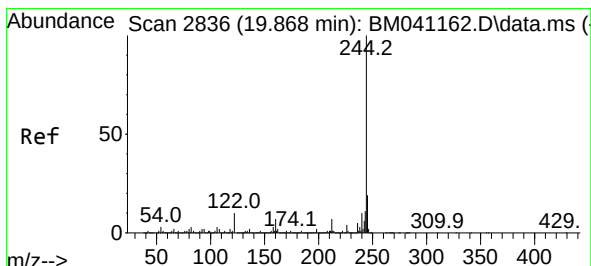
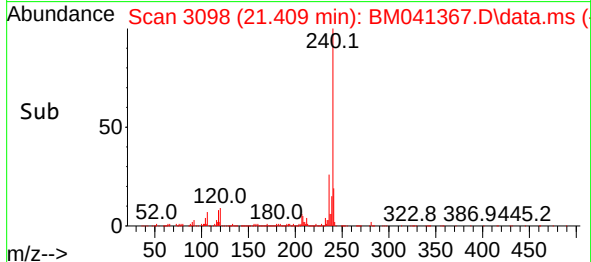
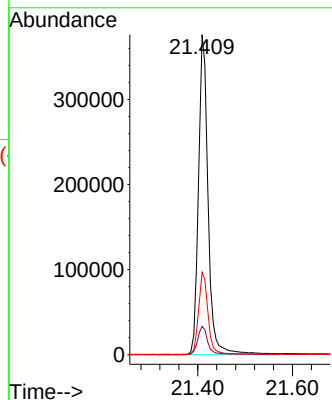
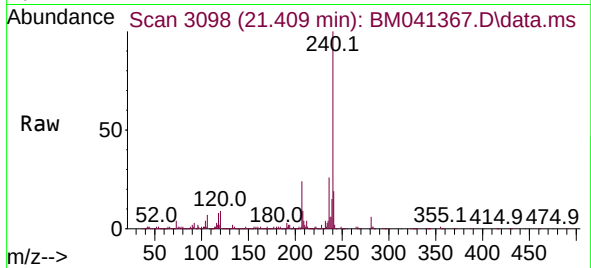




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

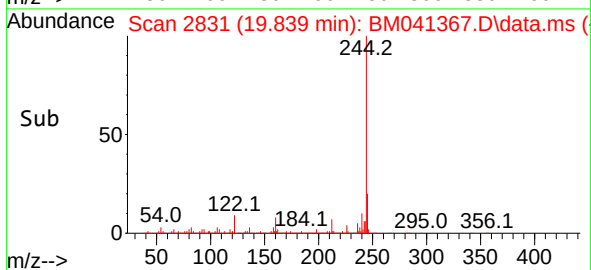
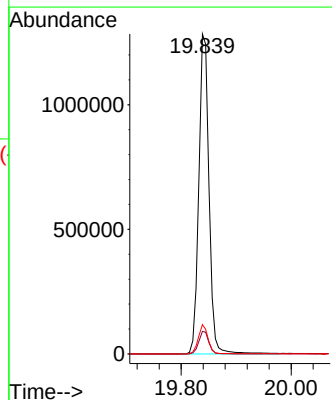
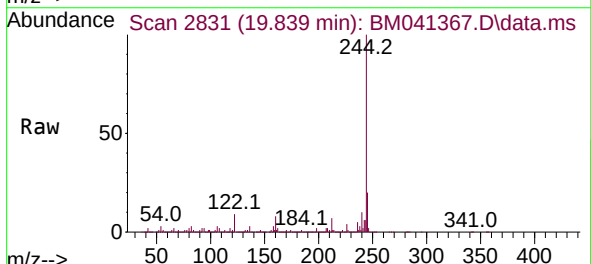
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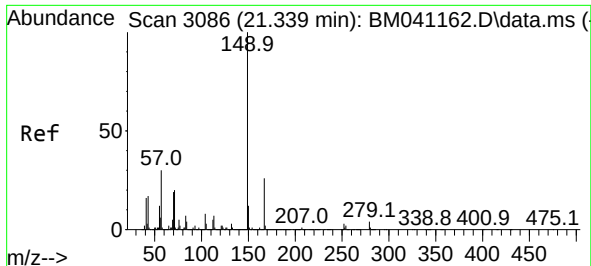
Tgt Ion:240 Resp: 531373
Ion Ratio Lower Upper
240 100
120 8.8 8.3 12.5
236 25.7 20.6 30.8



#79
Terphenyl-d14
Concen: 56.207 ng
RT: 19.839 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

Tgt Ion:244 Resp: 1651887
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.1 7.8 11.6

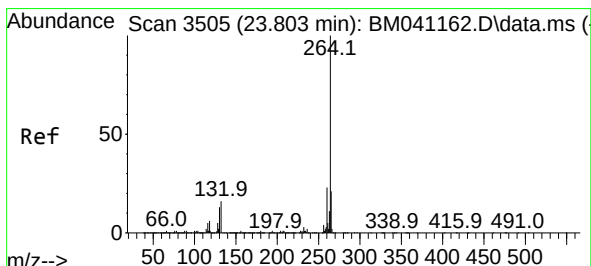
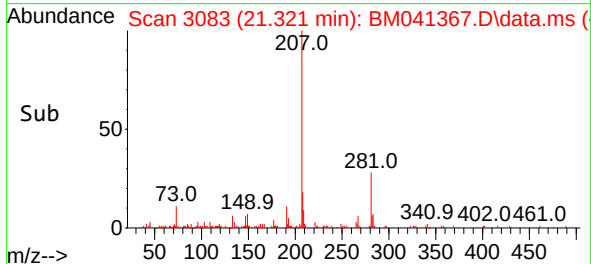
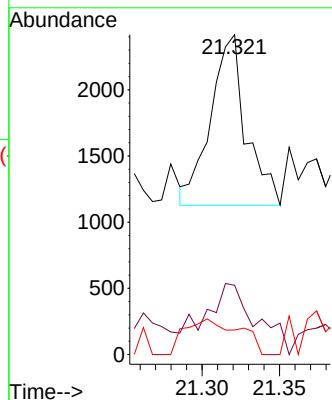
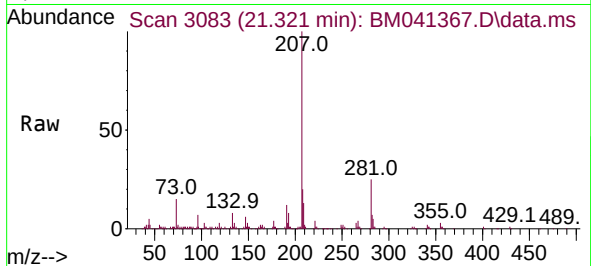




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.629 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:149 Resp: 2045
Ion Ratio Lower Upper
149 100
167 21.7 21.0 31.6
279 7.7 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM041367.D
Acq: 10 Aug 2023 17:47

Tgt Ion:264 Resp: 687620
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 22.8 17.4 26.0

