

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041311.D
 Acq On : 07 Aug 2023 14:20
 Operator : MA/JU
 Sample : 03903-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-08W

Quant Time: Aug 07 17:30:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

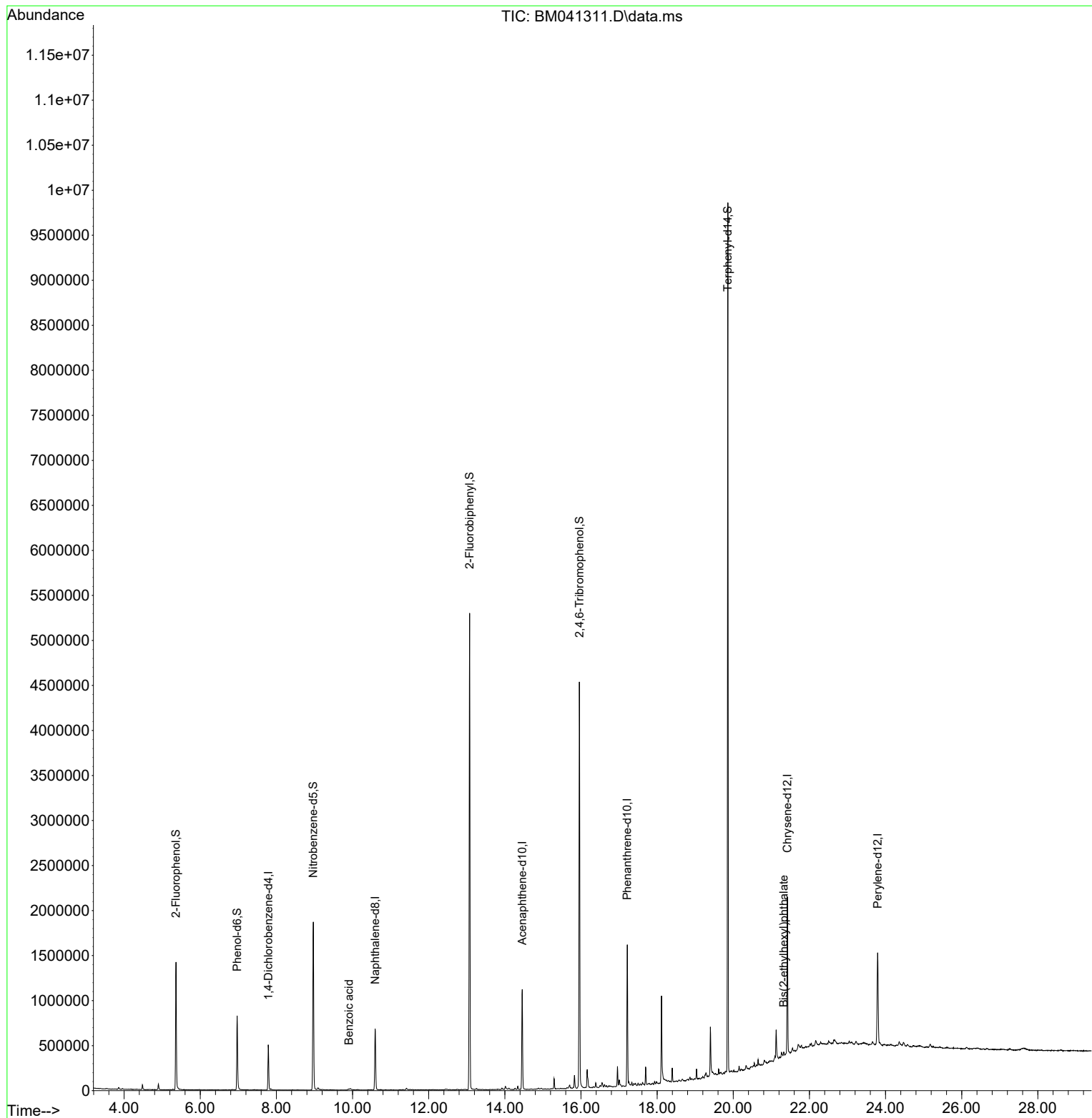
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	129520	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	549666	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	373725	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	885022	20.000	ng	0.00
76) Chrysene-d12	21.421	240	775169	20.000	ng	0.00
86) Perylene-d12	23.792	264	773680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	577050	66.588	ng	0.00
7) Phenol-d6	6.969	99	461750	41.106	ng	0.00
23) Nitrobenzene-d5	8.969	82	1065084	90.112	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	816412	154.444	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2522376	85.260	ng	0.00
79) Terphenyl-d14	19.857	244	4384360	102.264	ng	0.00
Target Compounds						
32) Benzoic acid	9.904	122	7288	8.160	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.327	149	7998	2.780	ng	# 96

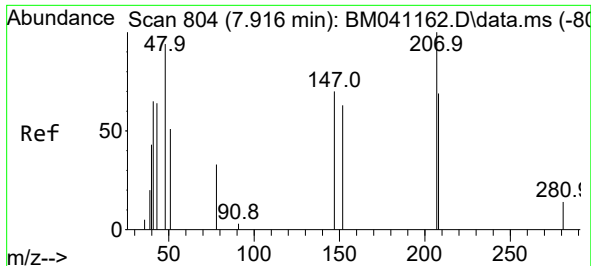
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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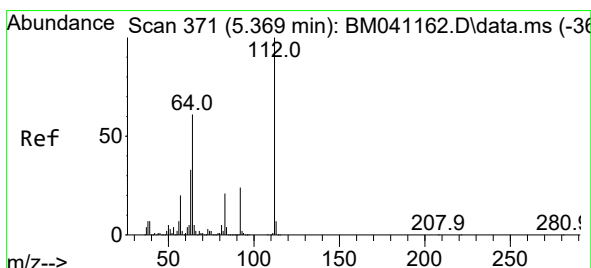
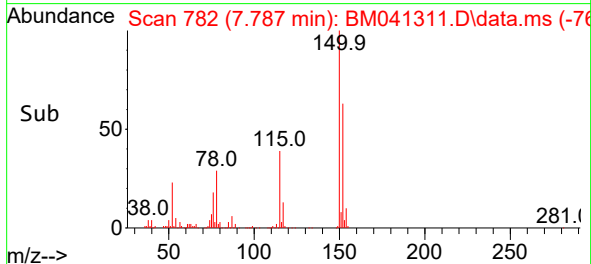
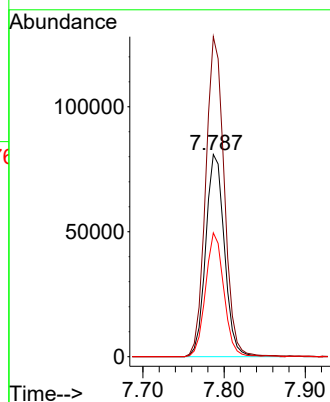
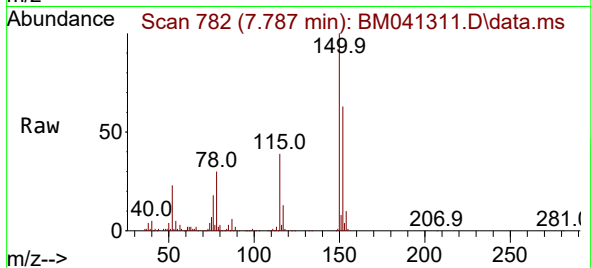




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041311.D
Acq: 07 Aug 2023 14:20

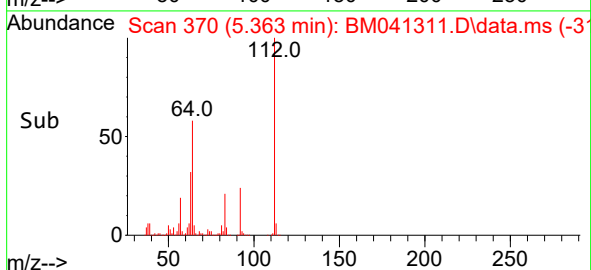
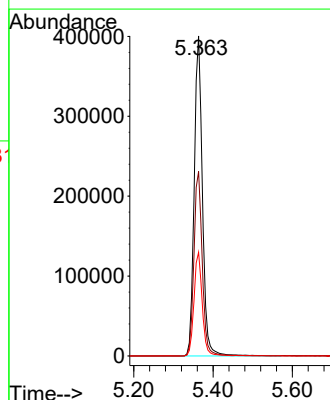
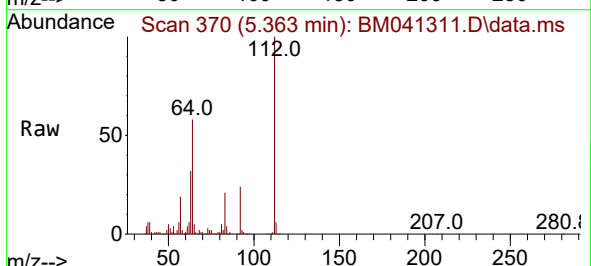
Instrument :
BNA_M
ClientSampleId :
MW-08W

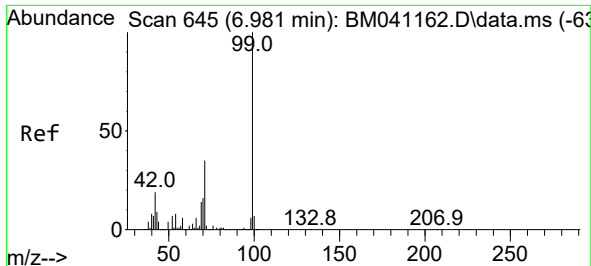
Tgt Ion:152 Resp: 129520
Ion Ratio Lower Upper
152 100
150 158.2 125.5 188.3
115 61.2 48.0 72.0



#5
2-Fluorophenol
Concen: 66.588 ng
RT: 5.363 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM041311.D
Acq: 07 Aug 2023 14:20

Tgt Ion:112 Resp: 577050
Ion Ratio Lower Upper
112 100
64 57.7 48.5 72.7
63 32.4 26.5 39.7

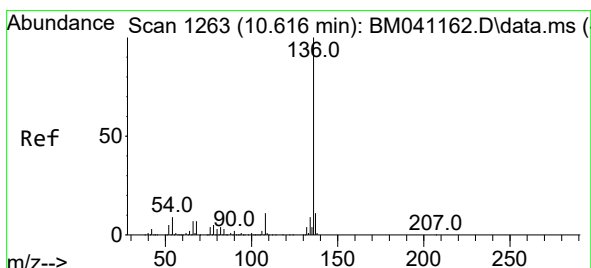
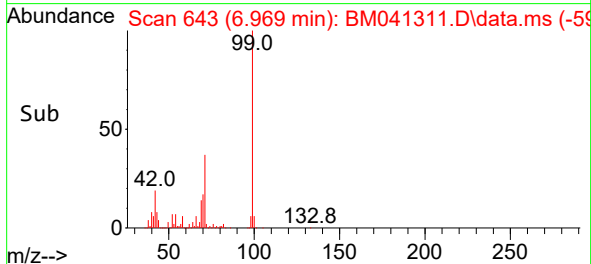
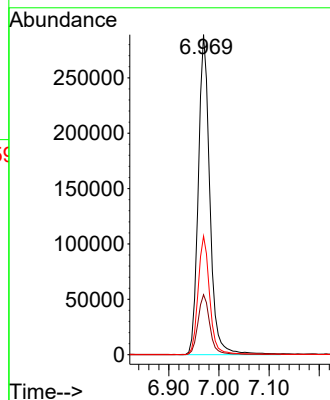
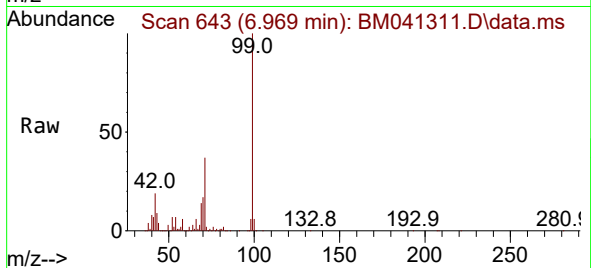




#7
Phenol-d6
Concen: 41.106 ng
RT: 6.969 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM041311.D
Acq: 07 Aug 2023 14:20

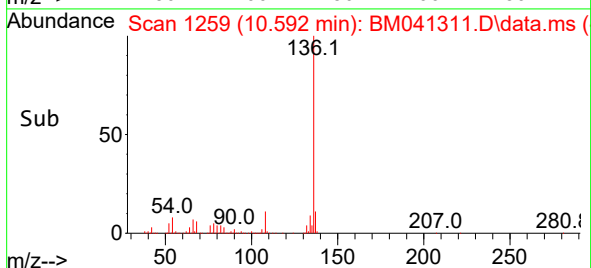
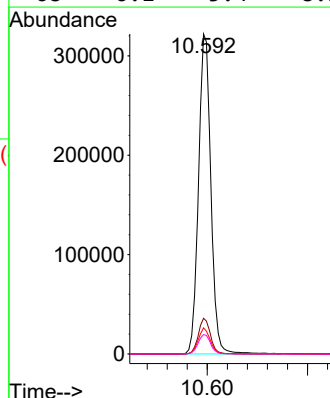
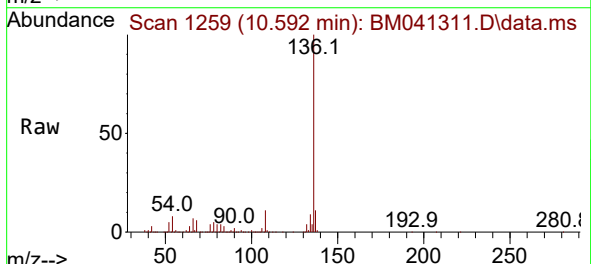
Instrument :
BNA_M
ClientSampleId :
MW-08W

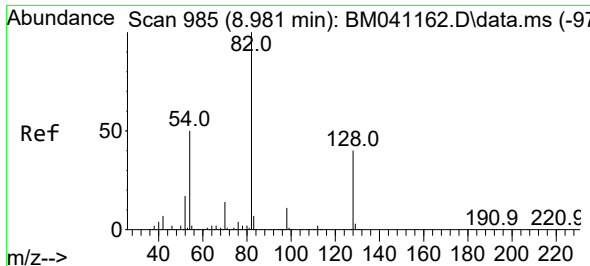
Tgt Ion: 99 Resp: 461750
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 37.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BM041311.D
Acq: 07 Aug 2023 14:20

Tgt Ion: 136 Resp: 549666
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.1 6.9 10.3
68 6.1 5.4 8.2

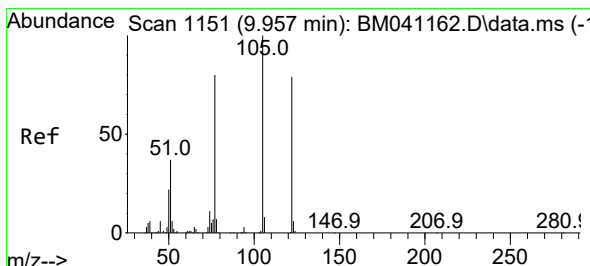
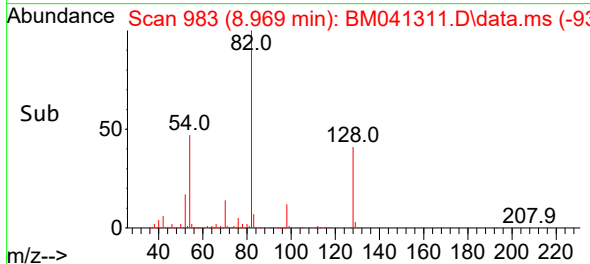
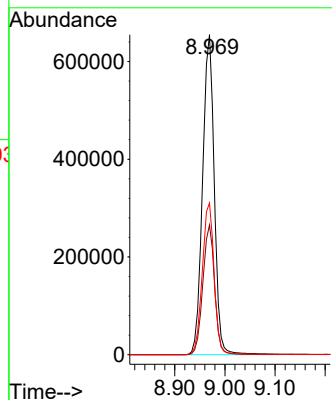
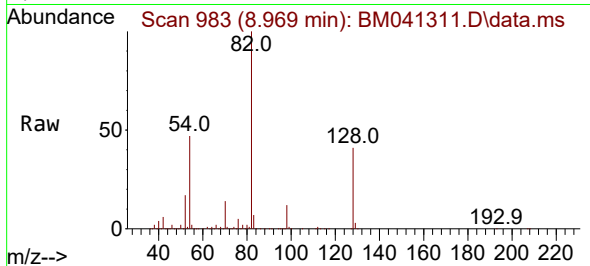




#23
Nitrobenzene-d5
Concen: 90.112 ng
RT: 8.969 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM041311.D
Acq: 07 Aug 2023 14:20

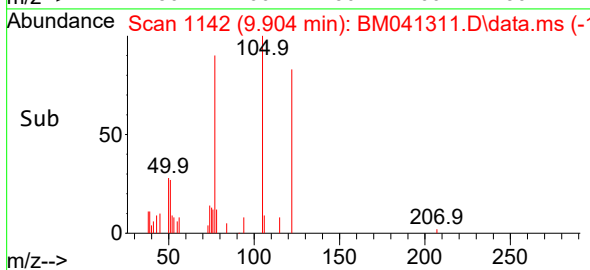
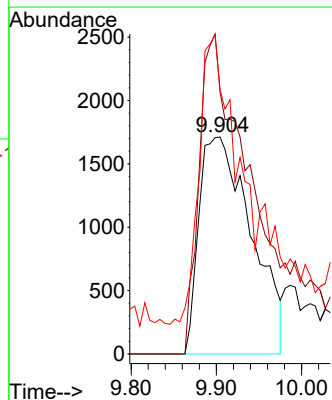
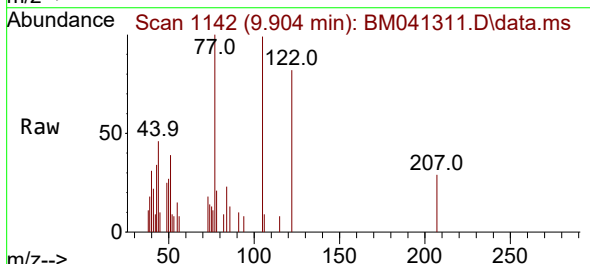
Instrument :
BNA_M
ClientSampleId :
MW-08W

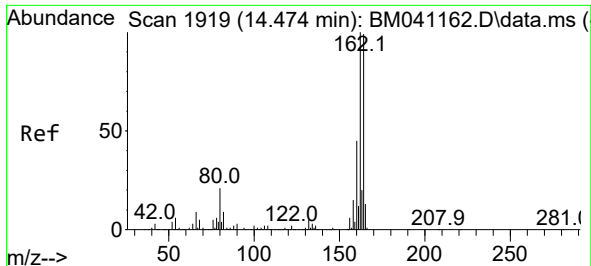
Tgt Ion: 82 Resp: 1065084
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 47.4 40.1 60.1



#32
Benzoic acid
Concen: 8.160 ng
RT: 9.904 min Scan# 1142
Delta R.T. -0.053 min
Lab File: BM041311.D
Acq: 07 Aug 2023 14:20

Tgt Ion: 122 Resp: 7288
Ion Ratio Lower Upper
122 100
105 120.7 104.0 144.0
77 121.9 79.9 119.9

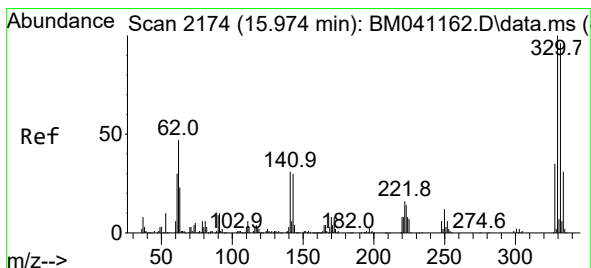
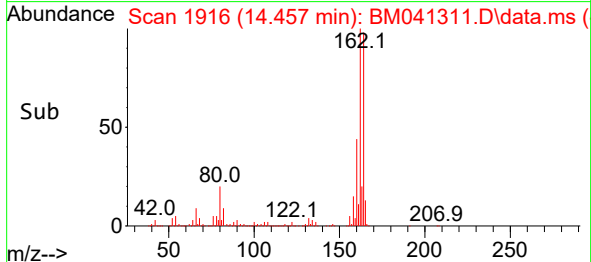
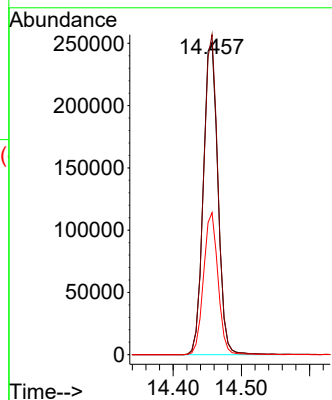
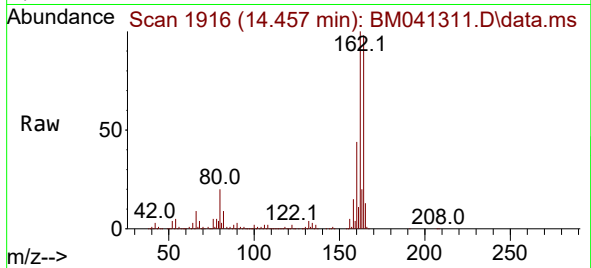




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BM041311.D
Acq: 07 Aug 2023 14:20

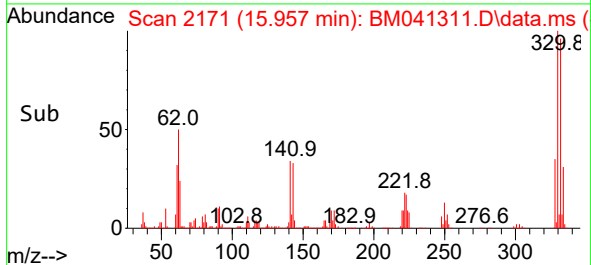
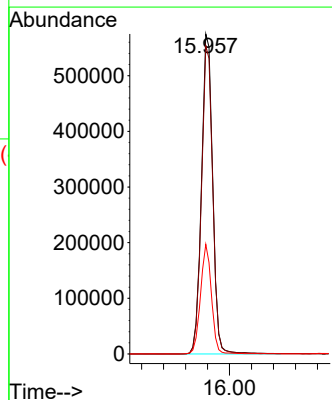
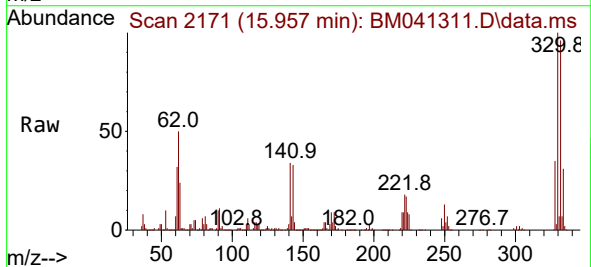
Instrument :
BNA_M
ClientSampleId :
MW-08W

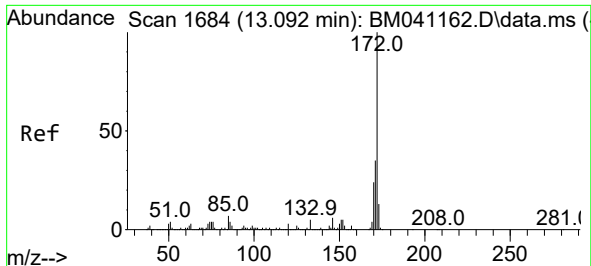
Tgt Ion:164 Resp: 373725
Ion Ratio Lower Upper
164 100
162 102.5 80.4 120.6
160 45.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 154.444 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041311.D
Acq: 07 Aug 2023 14:20

Tgt Ion:330 Resp: 816412
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 33.6 28.3 42.5

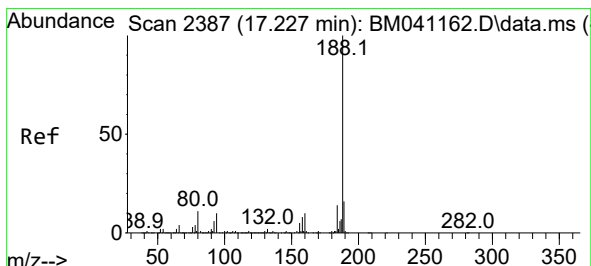
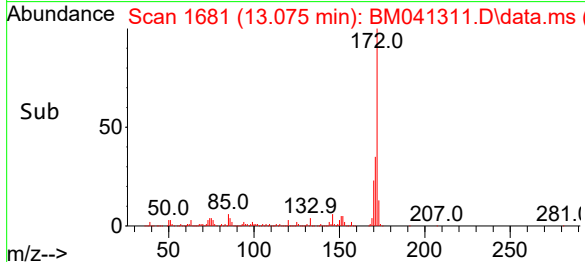
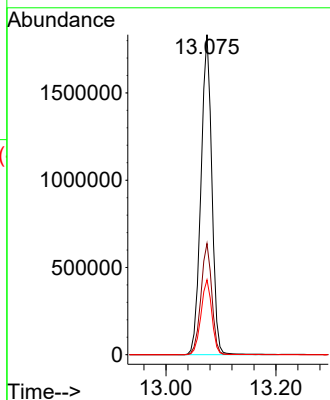
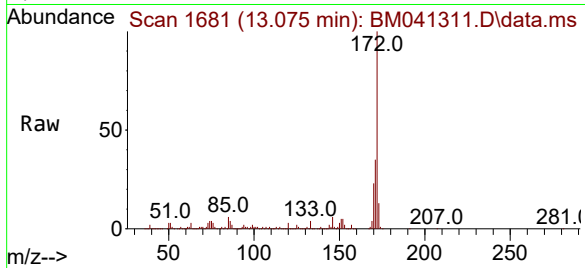




#45
2-Fluorobiphenyl
Concen: 85.260 ng
RT: 13.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041311.D
Acq: 07 Aug 2023 14:20

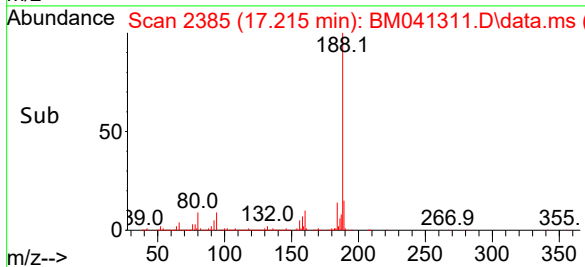
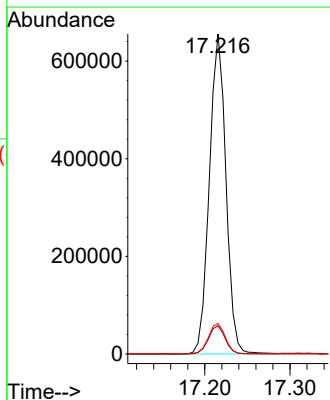
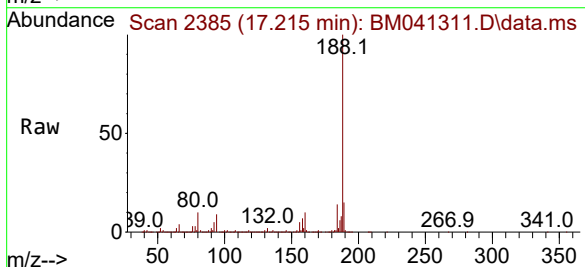
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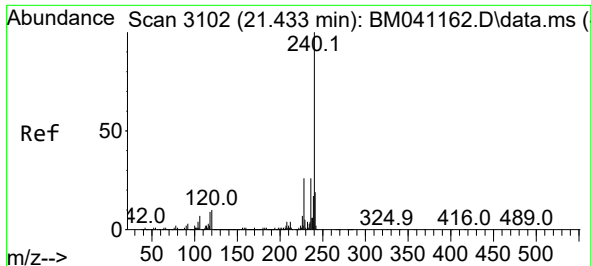
Tgt Ion:172 Resp: 2522376
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.4 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BM041311.D
Acq: 07 Aug 2023 14:20

Tgt Ion:188 Resp: 885022
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.5 8.6 13.0

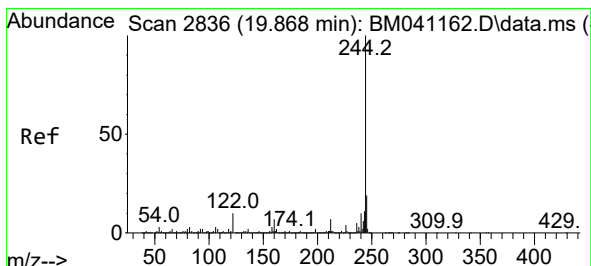
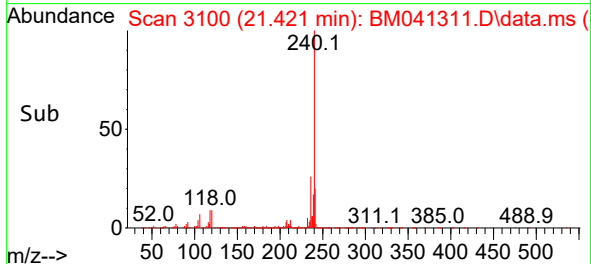
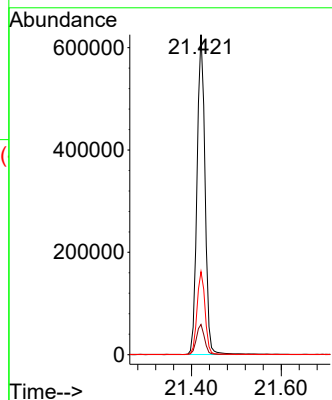
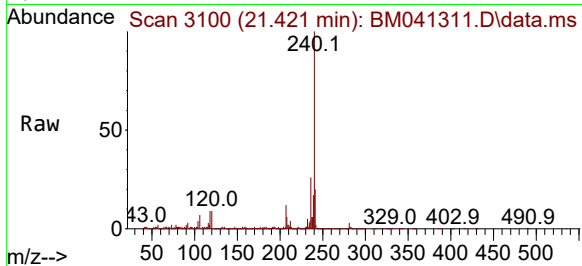




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041311.D
Acq: 07 Aug 2023 14:20

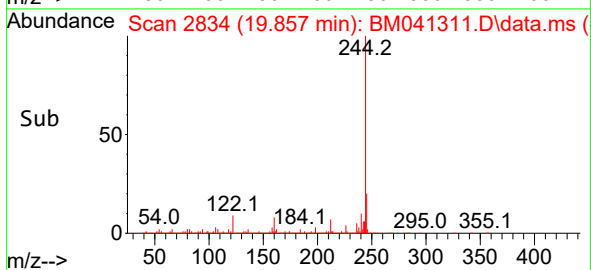
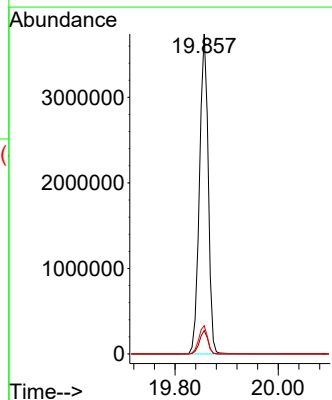
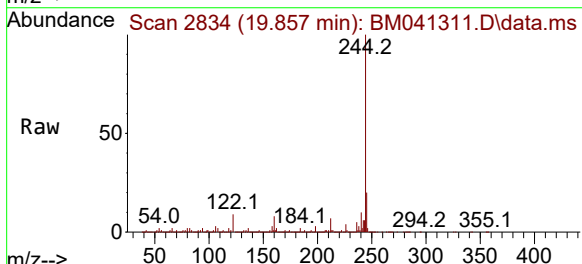
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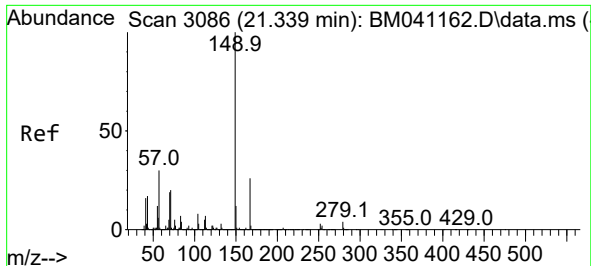
Tgt Ion:240 Resp: 775169
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 25.9 20.6 30.8



#79
Terphenyl-d14
Concen: 102.264 ng
RT: 19.857 min Scan# 2834
Delta R.T. 0.006 min
Lab File: BM041311.D
Acq: 07 Aug 2023 14:20

Tgt Ion:244 Resp: 4384360
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 8.9 7.8 11.6

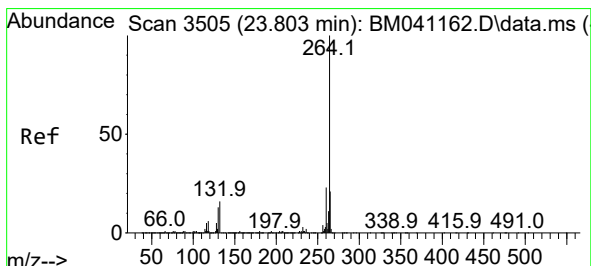
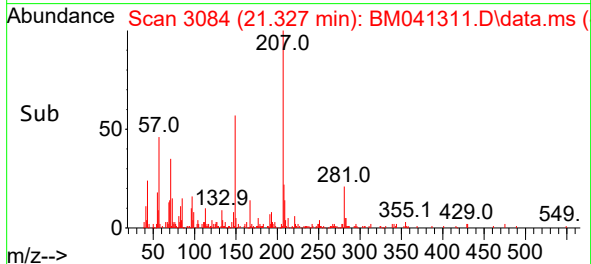
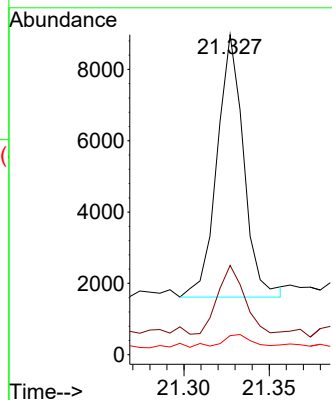
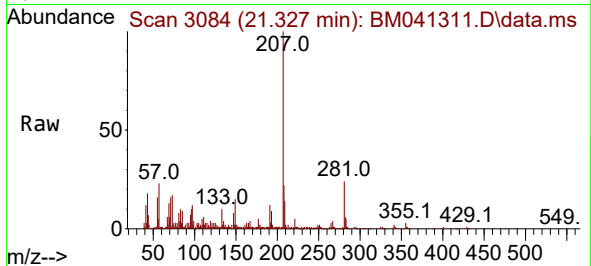




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.780 ng
 RT: 21.327 min Scan# 3086
 Delta R.T. 0.000 min
 Lab File: BM041311.D
 Acq: 07 Aug 2023 14:20

Instrument :
 BNA_M
 ClientSampleId :
 MW-08W

Tgt Ion:149 Resp: 7998
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.0 31.6
 279 6.0 3.1 4.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.792 min Scan# 3503
 Delta R.T. 0.006 min
 Lab File: BM041311.D
 Acq: 07 Aug 2023 14:20

Tgt Ion:264 Resp: 773680
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 22.2 17.4 26.0

