

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041244.D
 Acq On : 02 Aug 2023 14:38
 Operator : MA/JU
 Sample : 03810-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P16A

Quant Time: Aug 03 03:07:49 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 02 19:20:51 2023
 Response via : Initial Calibration

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

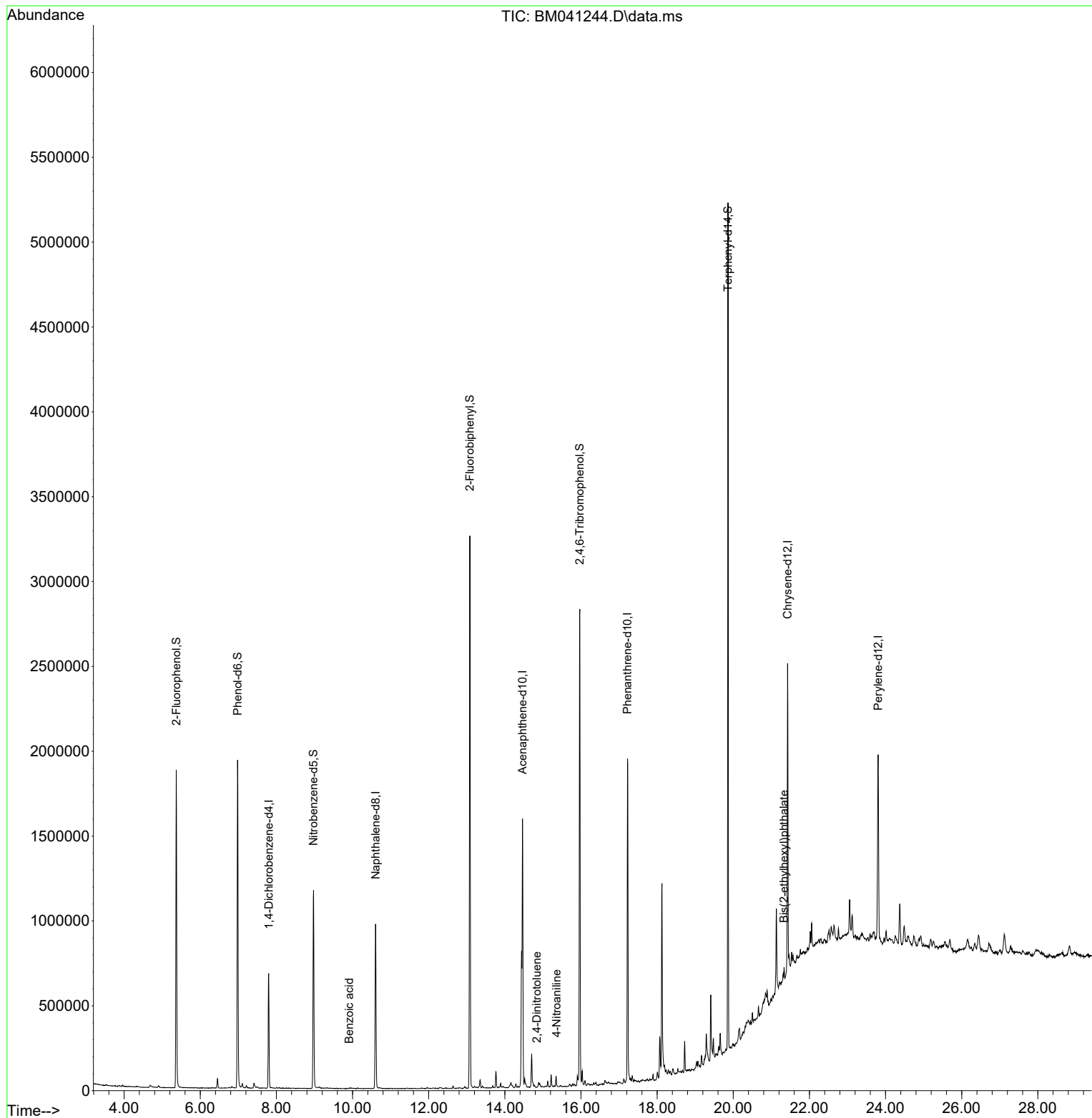
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	177870	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	772070	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	513391	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1141884	20.000	ng	0.00
76) Chrysene-d12	21.427	240	783270	20.000	ng	0.00
86) Perylene-d12	23.803	264	814436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	788911	66.290	ng	0.00
7) Phenol-d6	6.981	99	1070186	69.373	ng	0.00
23) Nitrobenzene-d5	8.975	82	671062	40.420	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	535150	73.695	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1580660	38.894	ng	0.00
79) Terphenyl-d14	19.862	244	2248624	51.906	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.910	122	390	7.194	ng	# 1
57) 2,4-Dinitrotoluene	14.839	165	60	2.675	ng	# 12
62) 4-Nitroaniline	15.357	138	141	4.163	ng	# 71
84) Bis(2-ethylhexyl)phtha...	21.333	149	24240	3.262	ng	# 94

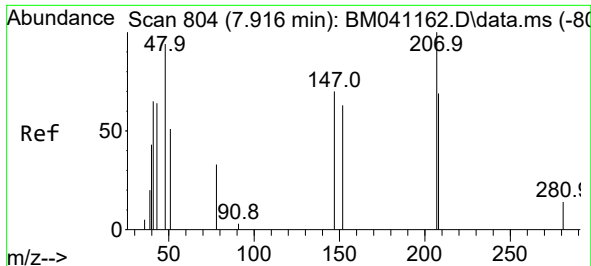
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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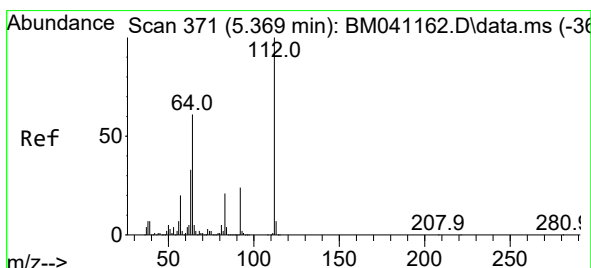
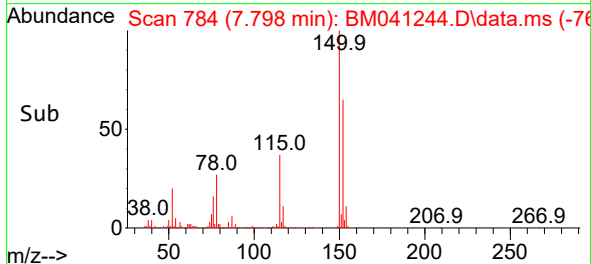
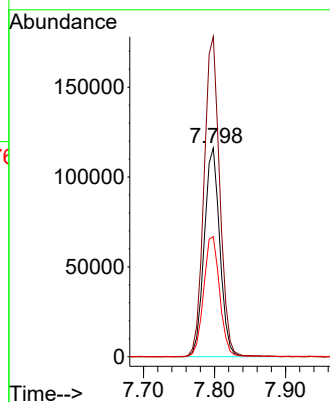
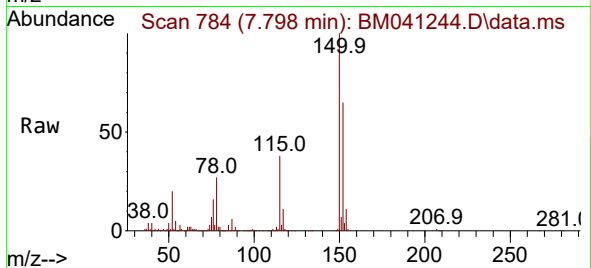




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.005 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

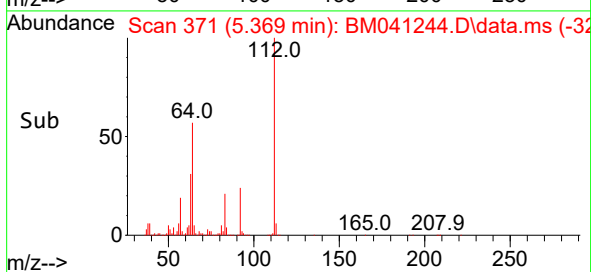
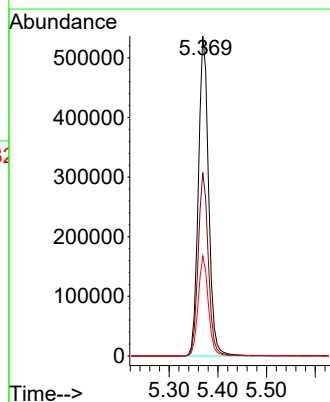
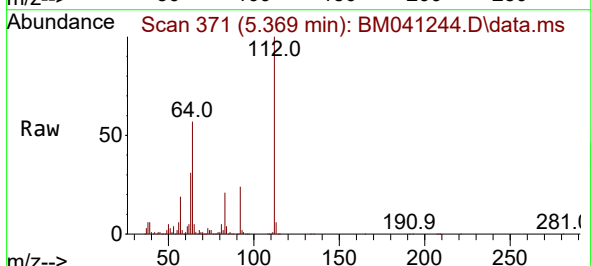
Instrument :
BNA_M
ClientSampleId :
B-P16A

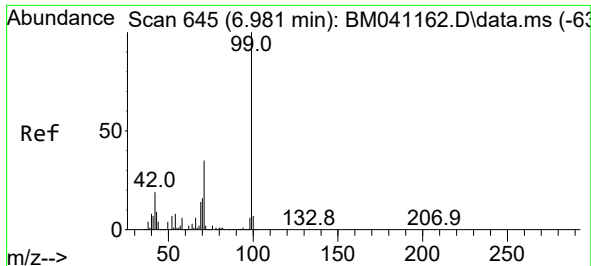
Tgt Ion:152 Resp: 177870
Ion Ratio Lower Upper
152 100
150 153.3 125.5 188.3
115 57.5 48.0 72.0



#5
2-Fluorophenol
Concen: 66.290 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

Tgt Ion:112 Resp: 788911
Ion Ratio Lower Upper
112 100
64 57.3 48.5 72.7
63 31.3 26.5 39.7

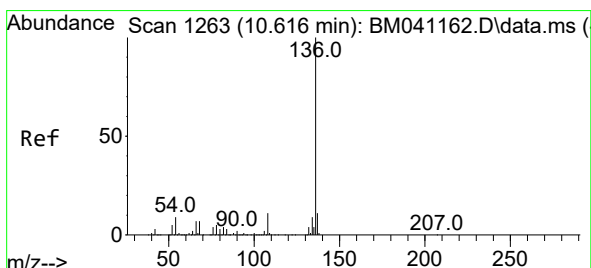
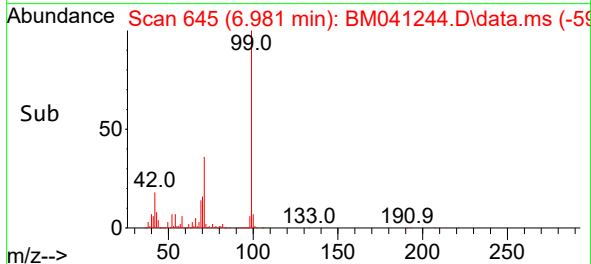
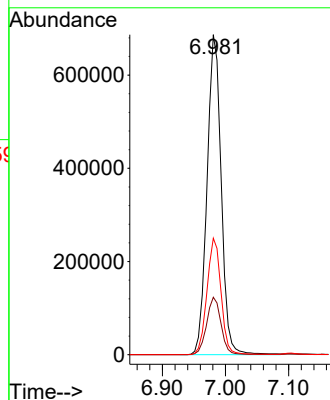
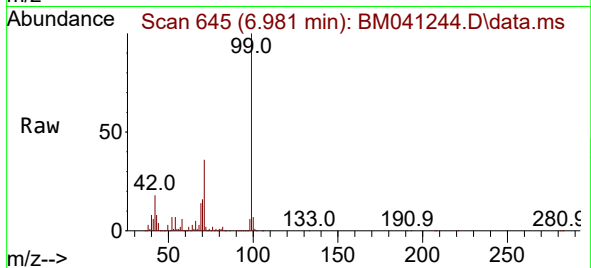




#7
Phenol-d6
Concen: 69.373 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

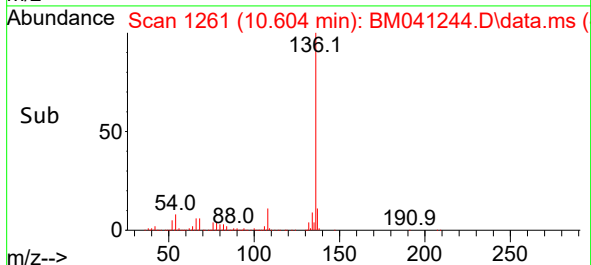
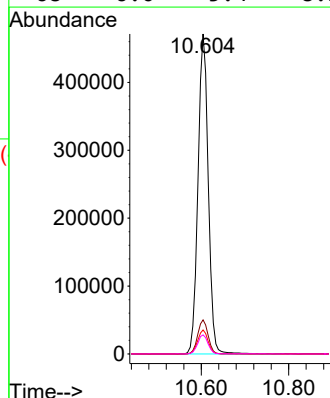
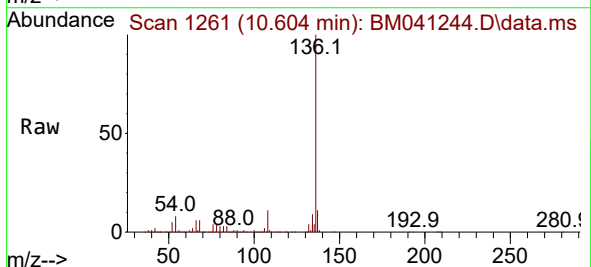
Instrument :
BNA_M
ClientSampleId :
B-P16A

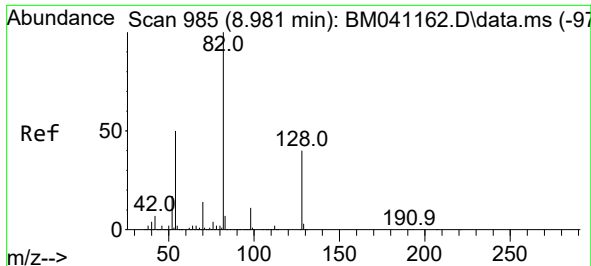
Tgt Ion: 99 Resp: 1070186
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

Tgt Ion:136 Resp: 772070
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.5 6.9 10.3
68 6.0 5.4 8.2

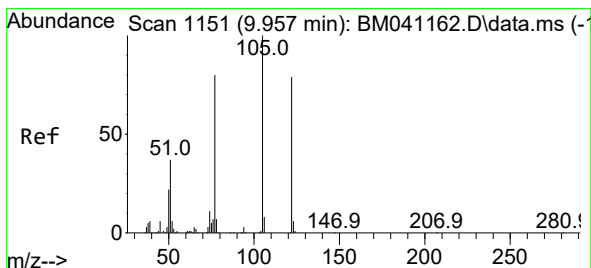
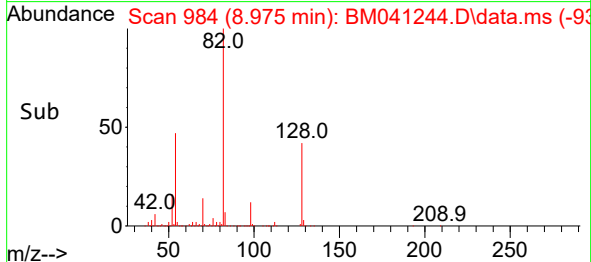
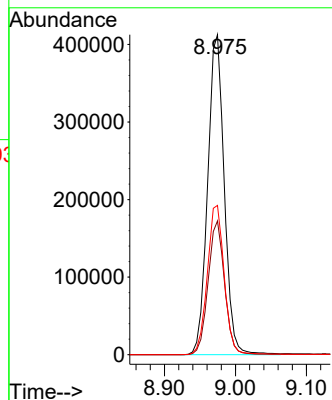
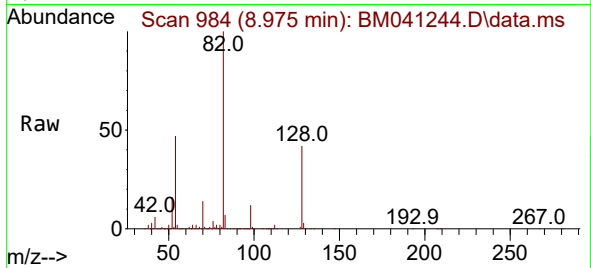




#23
Nitrobenzene-d5
Concen: 40.420 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

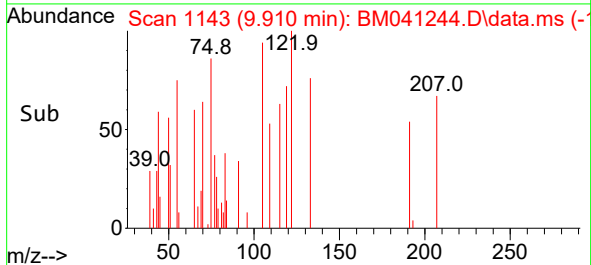
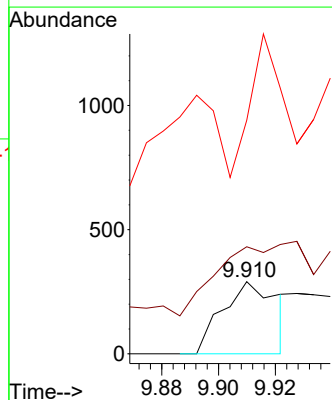
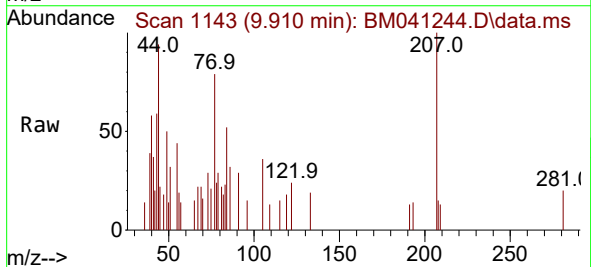
Instrument :
BNA_M
ClientSampleId :
B-P16A

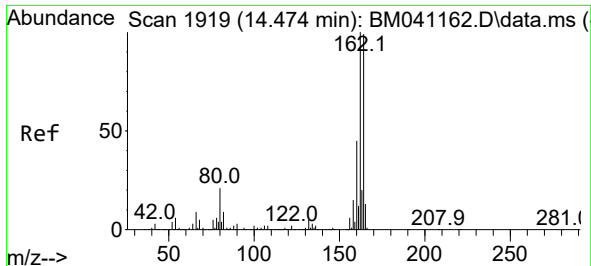
Tgt Ion: 82 Resp: 671062
Ion Ratio Lower Upper
82 100
128 41.8 31.8 47.6
54 46.7 40.1 60.1



#32
Benzoic acid
Concen: 7.194 ng
RT: 9.910 min Scan# 1143
Delta R.T. -0.047 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

Tgt Ion: 122 Resp: 390
Ion Ratio Lower Upper
122 100
105 148.1 104.0 144.0#
77 323.4 79.9 119.9#

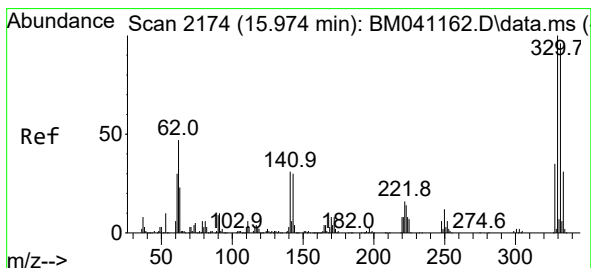
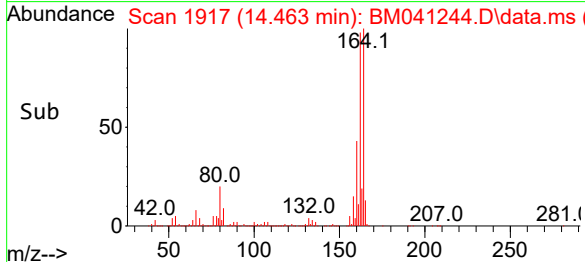
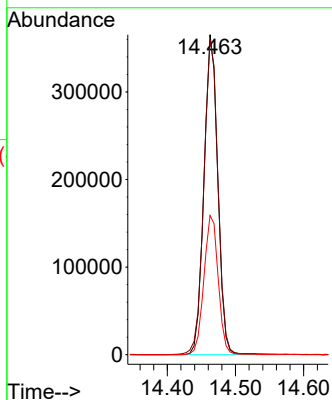
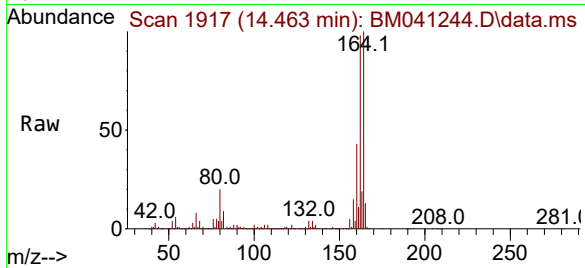




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

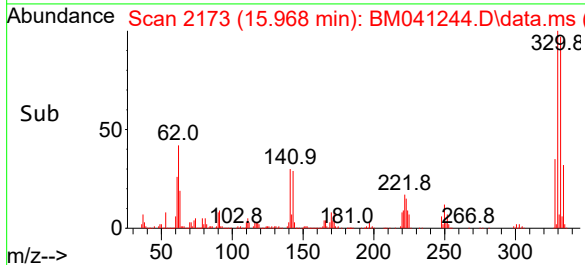
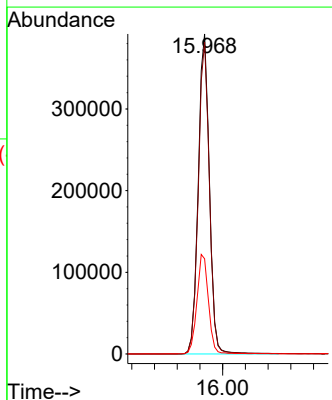
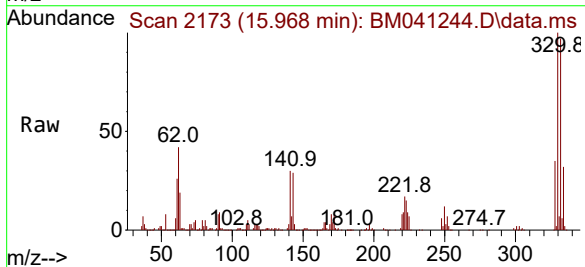
Instrument :
BNA_M
ClientSampleId :
B-P16A

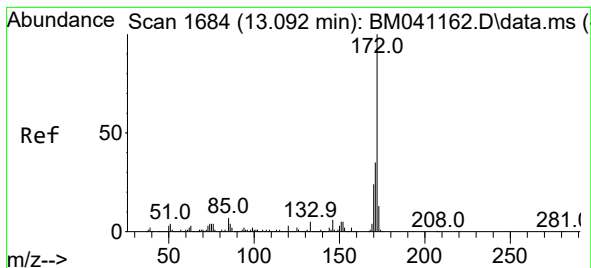
Tgt Ion:164 Resp: 513391
Ion Ratio Lower Upper
164 100
162 98.4 80.4 120.6
160 43.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 73.695 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

Tgt Ion:330 Resp: 535150
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 32.0 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 38.894 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041244.D

Acq: 02 Aug 2023 14:38

Instrument :

BNA_M

ClientSampleId :

B-P16A

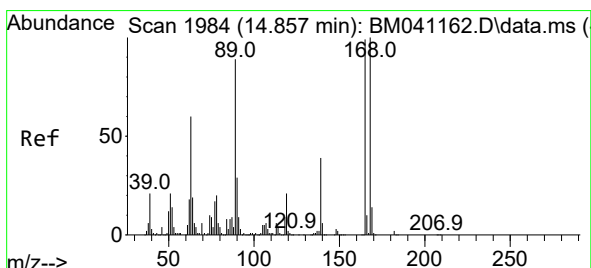
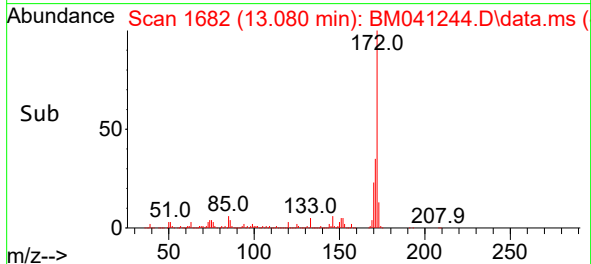
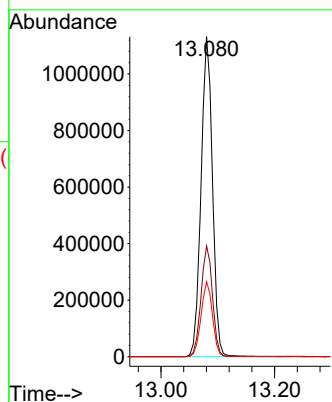
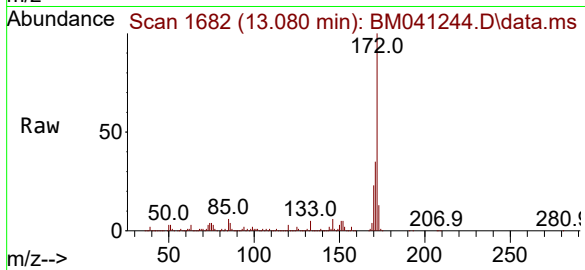
Tgt Ion:172 Resp: 1580660

Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.5 18.9 28.3



#57

2,4-Dinitrotoluene

Concen: 2.675 ng

RT: 14.839 min Scan# 1981

Delta R.T. -0.018 min

Lab File: BM041244.D

Acq: 02 Aug 2023 14:38

Tgt Ion:165 Resp: 60

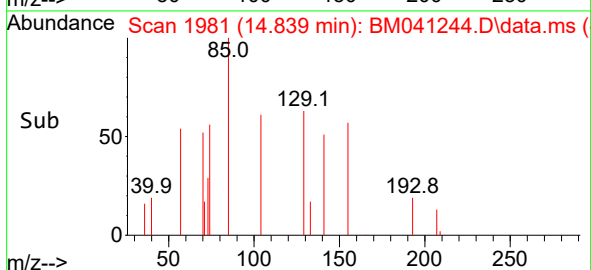
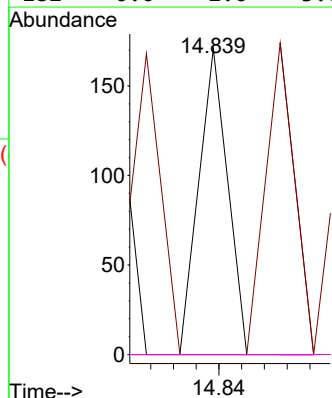
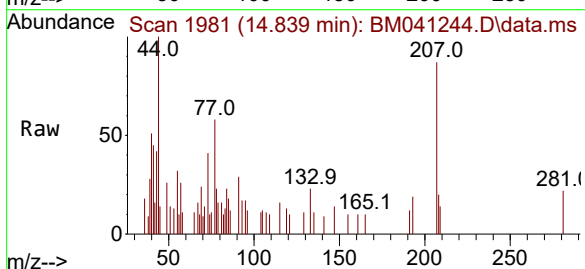
Ion Ratio Lower Upper

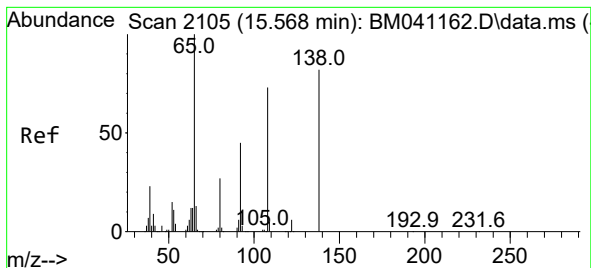
165 100

63 0.0 48.3 72.5#

89 0.0 71.8 107.8#

182 0.0 2.0 3.0#

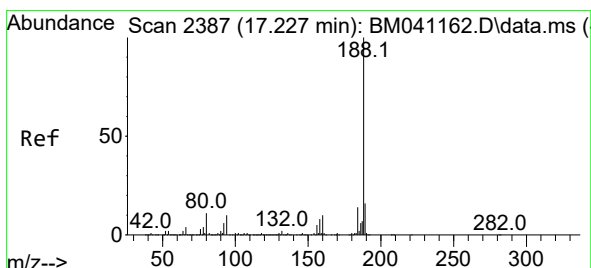
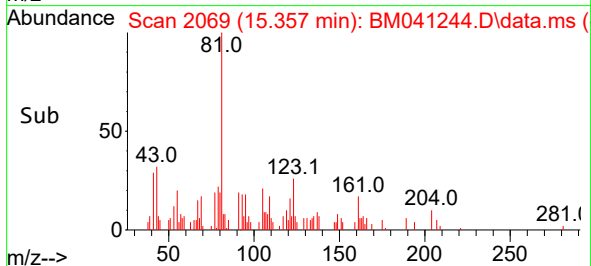
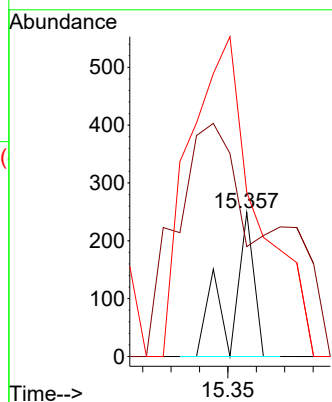
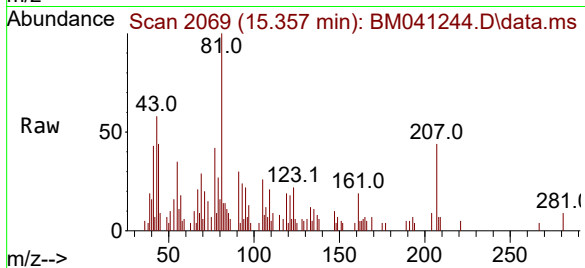




#62
4-Nitroaniline
Concen: 4.163 ng
RT: 15.357 min Scan# 20
Delta R.T. -0.206 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

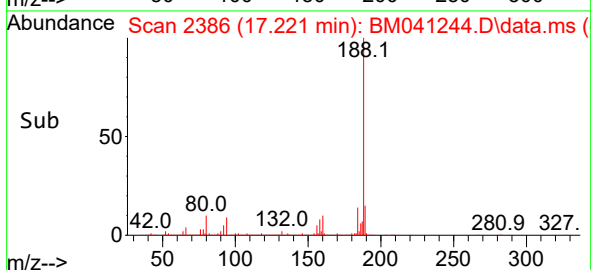
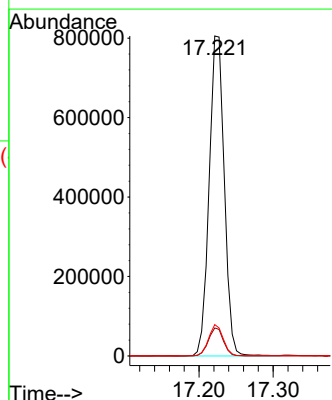
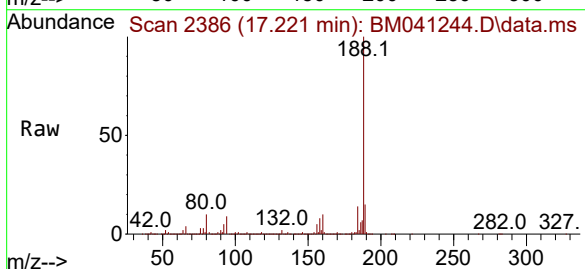
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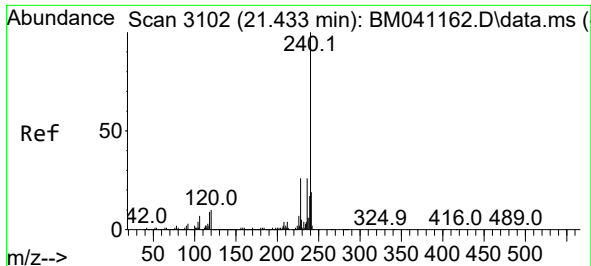
Tgt Ion:138 Resp: 141
Ion Ratio Lower Upper
138 100
92 76.3 35.1 75.1#
108 114.1 67.8 107.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

Tgt Ion:188 Resp: 1141884
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.8 8.6 13.0

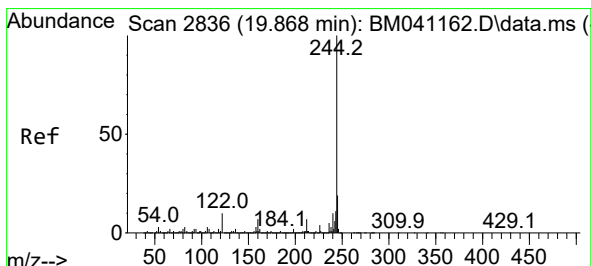
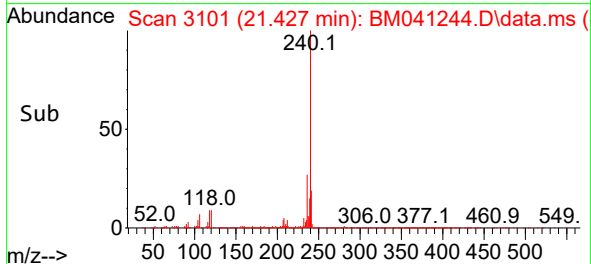
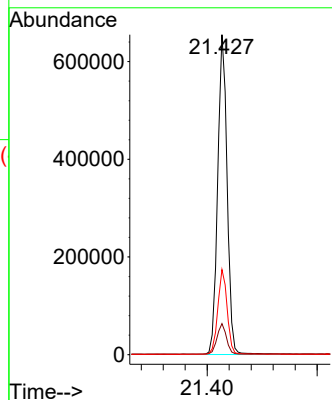
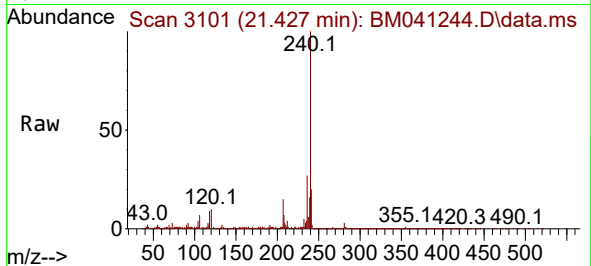




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

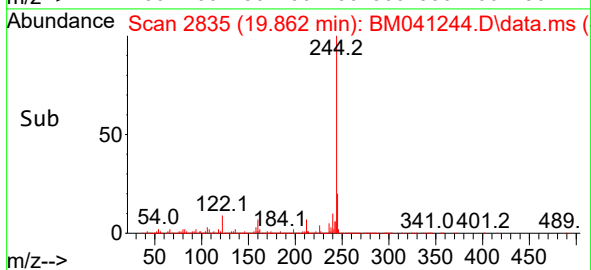
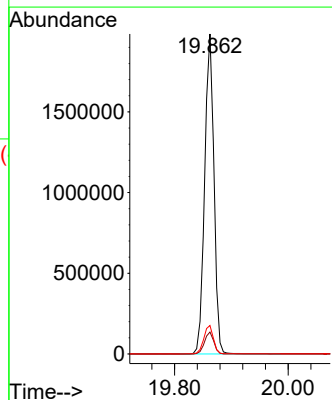
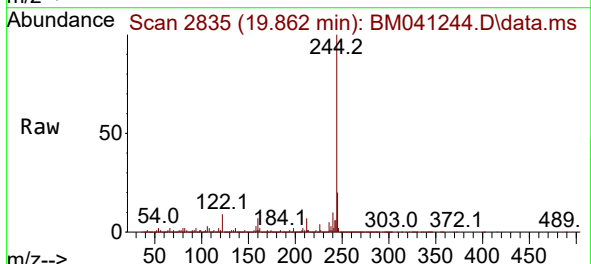
Instrument :
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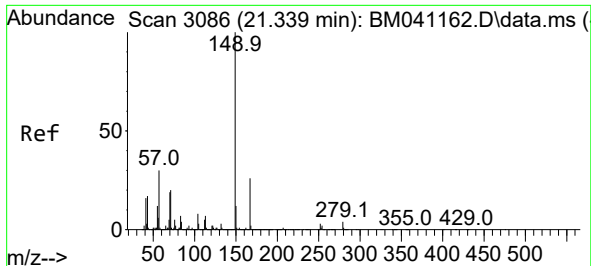
Tgt Ion:240 Resp: 783270
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 26.6 20.6 30.8



#79
Terphenyl-d14
Concen: 51.906 ng
RT: 19.862 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

Tgt Ion:244 Resp: 2248624
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 8.9 7.8 11.6

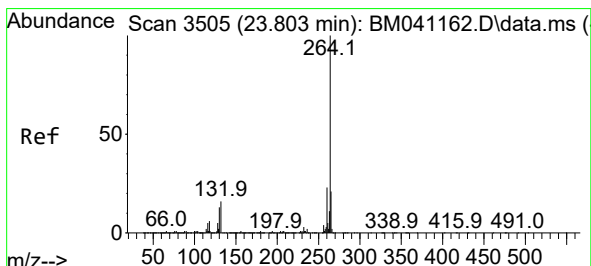
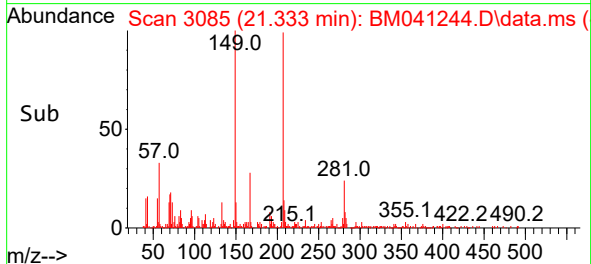
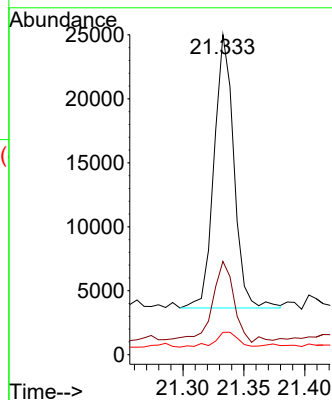
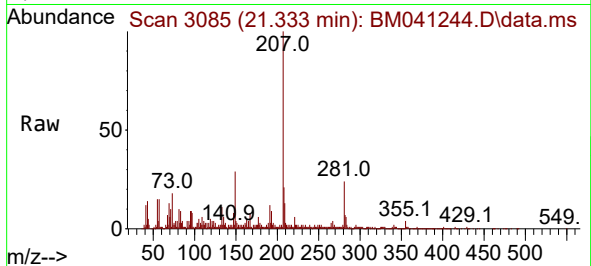




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.262 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

Instrument :
BNA_M
ClientSampleId :
B-P16A

Tgt Ion:149 Resp: 24240
Ion Ratio Lower Upper
149 100
167 29.2 21.0 31.6
279 7.0 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BM041244.D
Acq: 02 Aug 2023 14:38

Tgt Ion:264 Resp: 814436
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 22.4 17.4 26.0

