

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM044002.D
 Acq On : 06 Feb 2024 22:30
 Operator : MA/JU
 Sample : PB158553BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158553BL

Quant Time: Feb 07 03:54:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

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

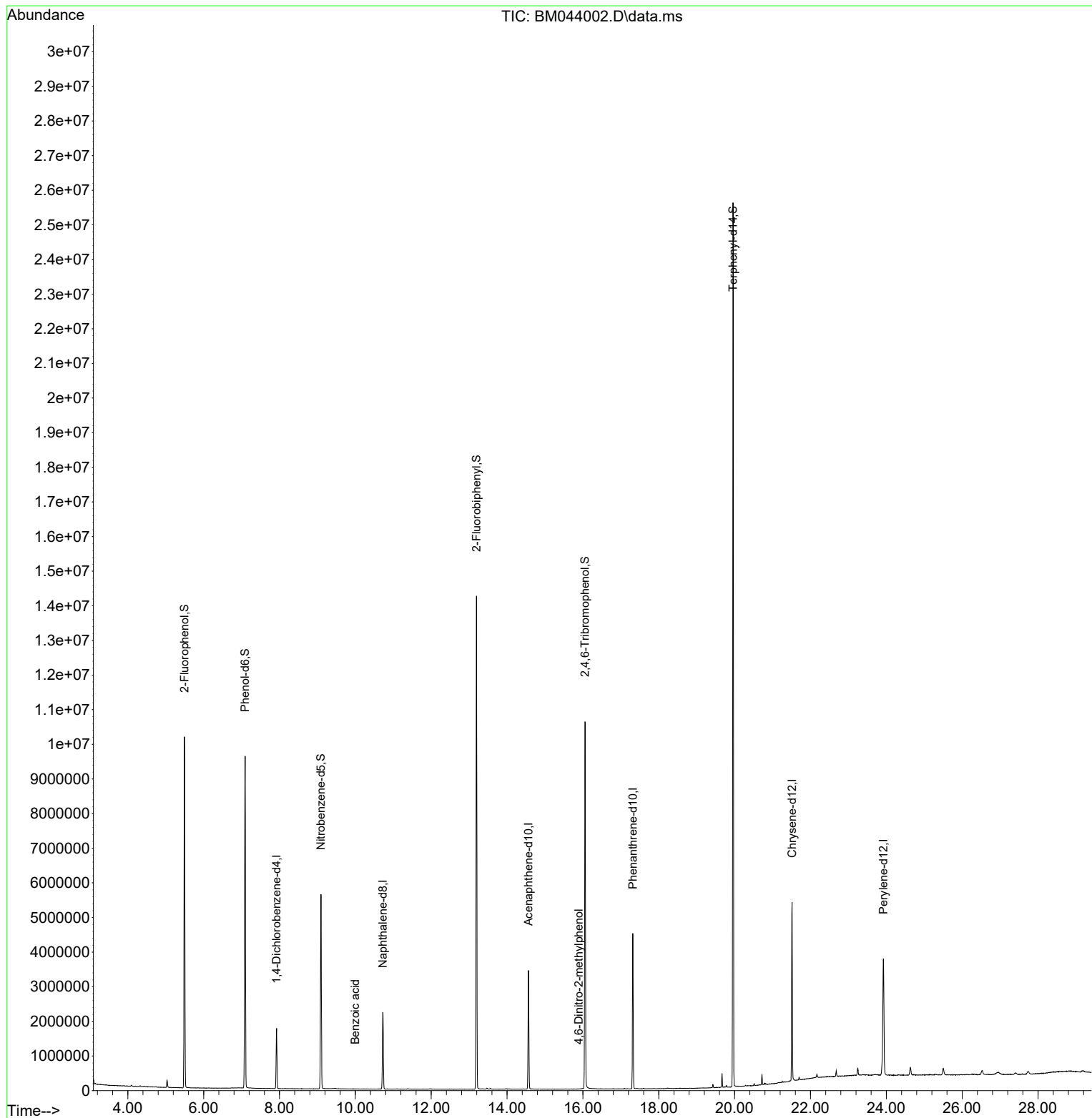
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	461878	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1861677	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	1126916	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2532586	20.000	ng	0.00
76) Chrysene-d12	21.515	240	2322164	20.000	ng	0.00
86) Perylene-d12	23.921	264	2571140	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	4276270	136.723	ng	0.00
7) Phenol-d6	7.092	99	5479681	118.577	ng	0.00
23) Nitrobenzene-d5	9.092	82	3190808	82.621	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1666441	121.311	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	7031750	85.739	ng	0.00
79) Terphenyl-d14	19.956	244	11413060	94.877	ng	0.00
Target Compounds						
9) Benzaldehyde	7.092	77	9613	Below Cal	Qvalue #	4
32) Benzoic acid	9.992	122	57	6.690 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.892	198	54	6.204 ng	#	1

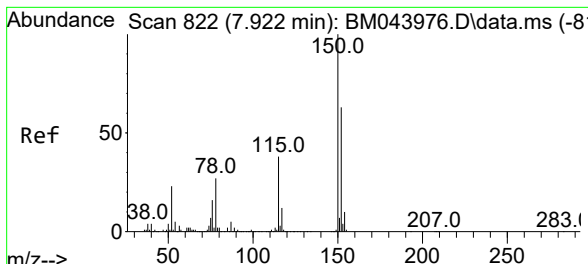
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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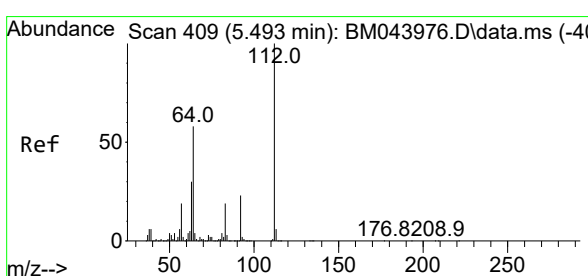
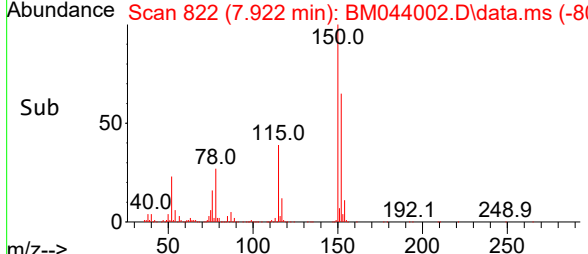
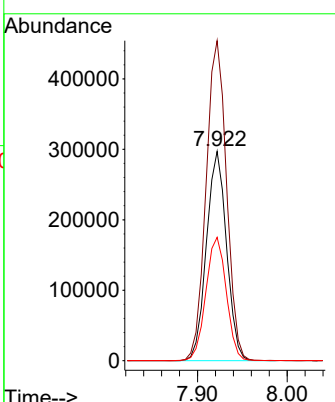
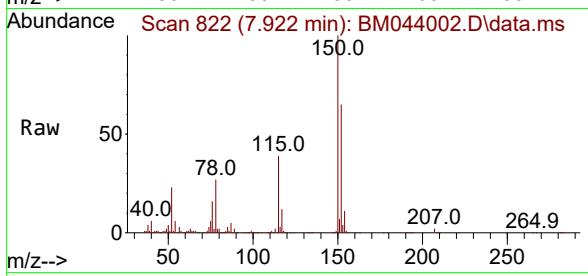


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM044002.D
 Acq: 06 Feb 2024 22:30

Instrument :
 BNA_M
 ClientSampleId :
 PB158553BL

Tgt Ion:152 Resp: 461878

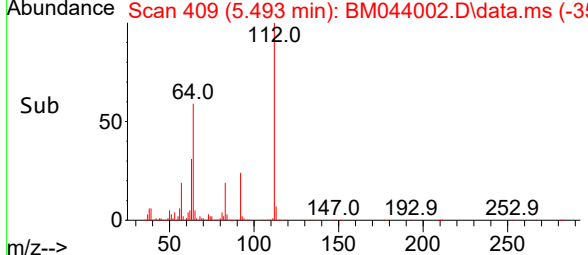
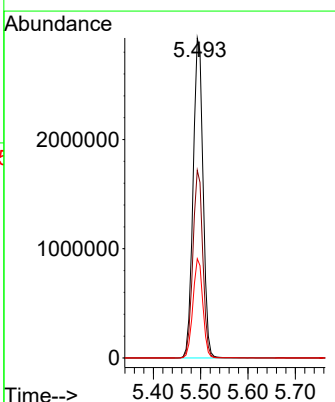
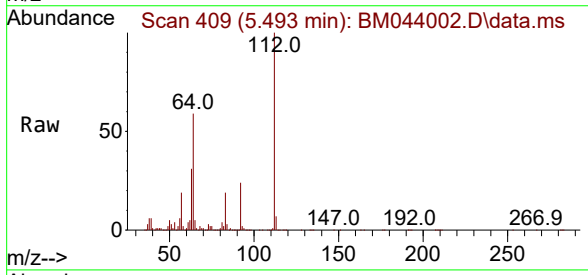
Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.1	189.1
115	59.0	48.2	72.2

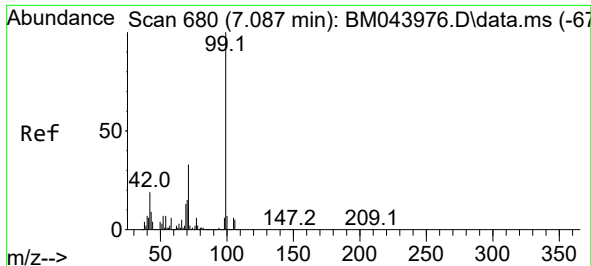


#5
 2-Fluorophenol
 Concen: 136.723 ng
 RT: 5.493 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: BM044002.D
 Acq: 06 Feb 2024 22:30

Tgt Ion:112 Resp: 4276270

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.6	70.0
63	31.0	24.2	36.4



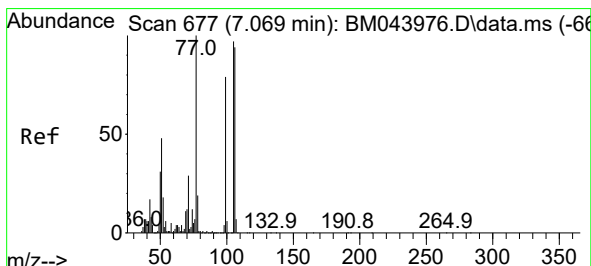
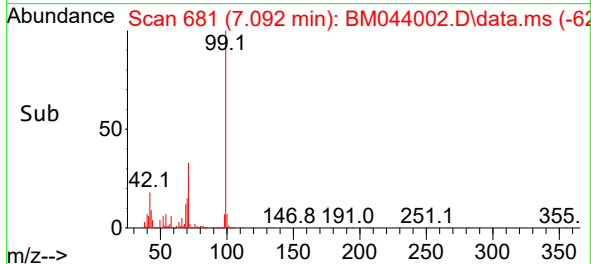
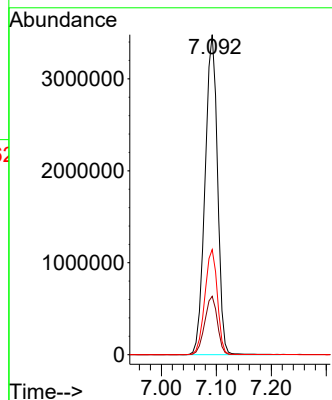
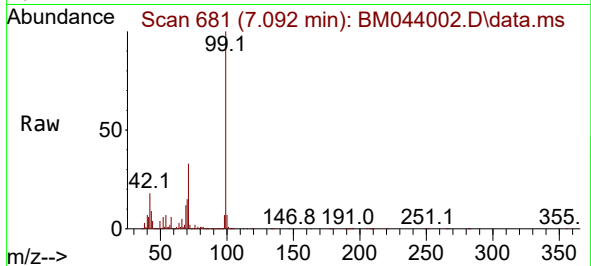


#7
Phenol-d6
Concen: 118.577 ng
RT: 7.092 min Scan# 681
Delta R.T. 0.005 min
Lab File: BM044002.D
Acq: 06 Feb 2024 22:30

Instrument :
BNA_M
ClientSampleId :
PB158553BL

Tgt Ion: 99 Resp: 5479681

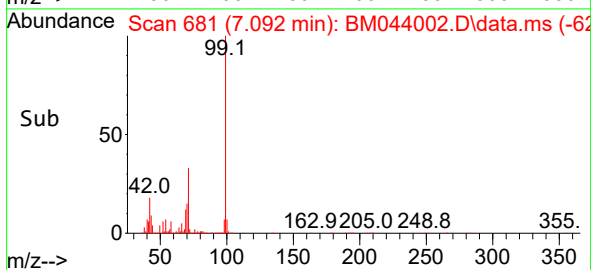
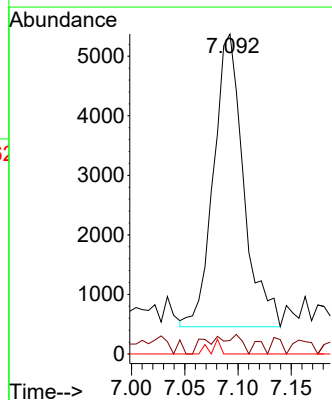
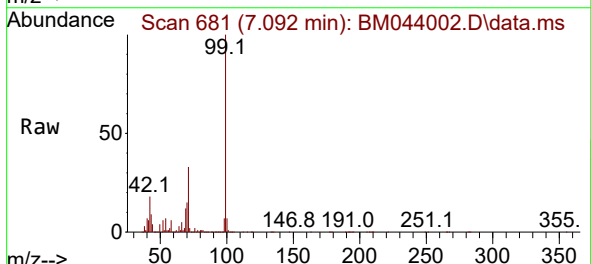
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.9	22.3
71	32.9	26.3	39.5

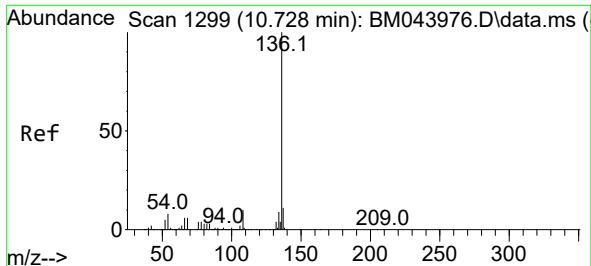


#9
Benzaldehyde
Concen: Below Cal
RT: 7.092 min Scan# 681
Delta R.T. 0.023 min
Lab File: BM044002.D
Acq: 06 Feb 2024 22:30

Tgt Ion: 77 Resp: 9613

Ion	Ratio	Lower	Upper
77	100		
105	4.2	77.4	117.4#
106	0.0	73.5	113.5#

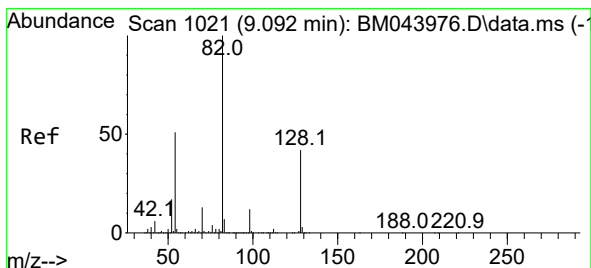
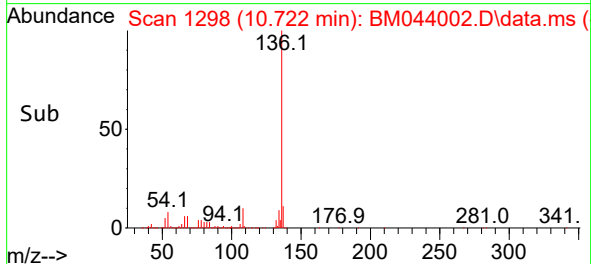
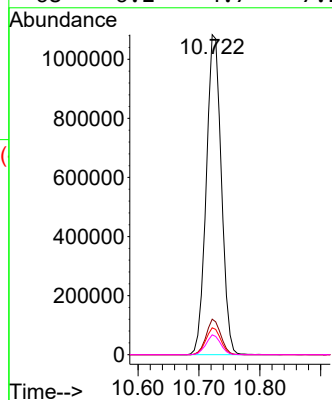
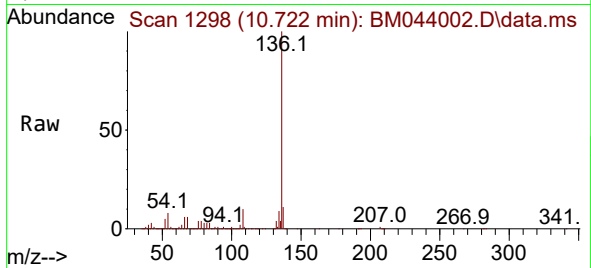




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM044002.D
Acq: 06 Feb 2024 22:30

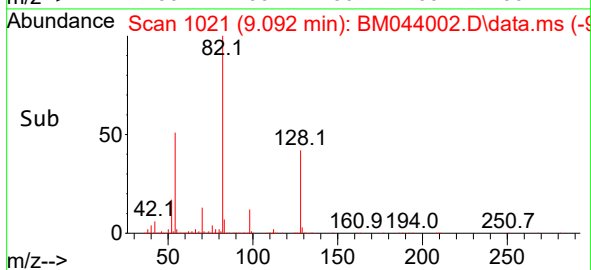
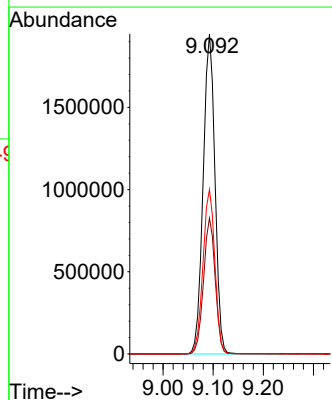
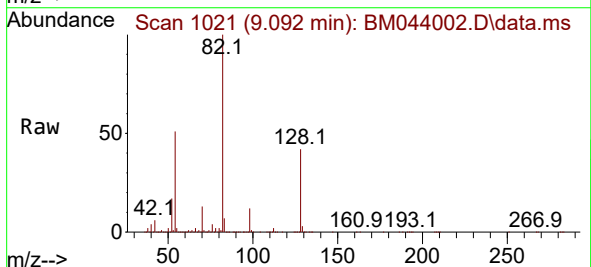
Instrument :
BNA_M
ClientSampleId :
PB158553BL

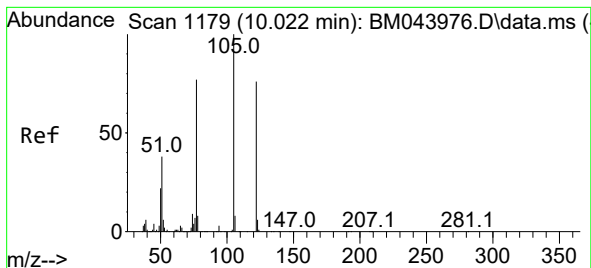
Tgt Ion:136 Resp: 1861677
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 6.5 9.7
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 82.621 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM044002.D
Acq: 06 Feb 2024 22:30

Tgt Ion: 82 Resp: 3190808
Ion Ratio Lower Upper
82 100
128 42.5 33.9 50.9
54 51.4 41.1 61.7





#32

Benzoic acid

Concen: 6.690 ng

RT: 9.992 min Scan# 1179

Delta R.T. -0.030 min

Lab File: BM044002.D

Acq: 06 Feb 2024 22:30

Instrument :

BNA_M

ClientSampleId :

PB158553BL

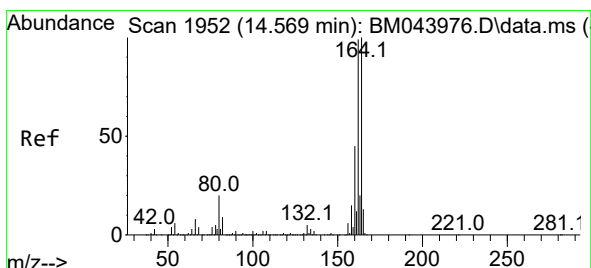
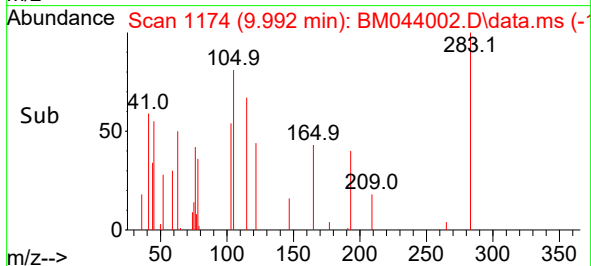
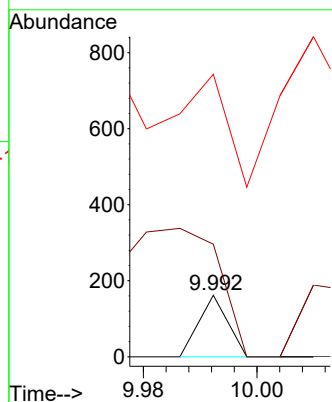
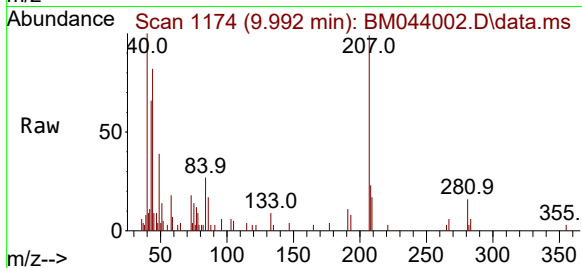
Tgt Ion:122 Resp: 57

Ion Ratio Lower Upper

122 100

105 182.7 109.4 149.4#

77 458.6 80.5 120.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BM044002.D

Acq: 06 Feb 2024 22:30

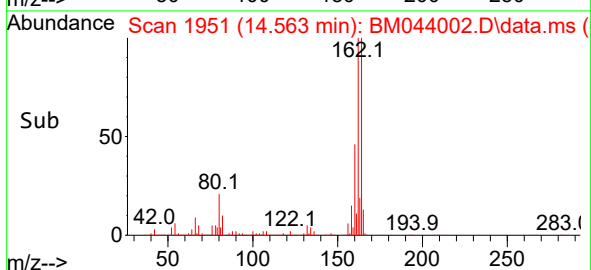
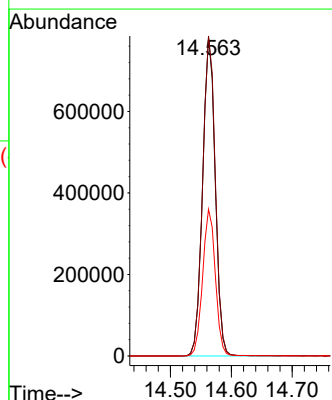
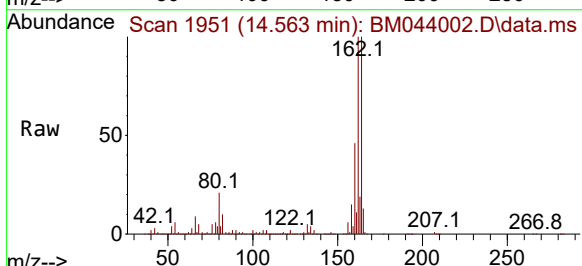
Tgt Ion:164 Resp: 1126916

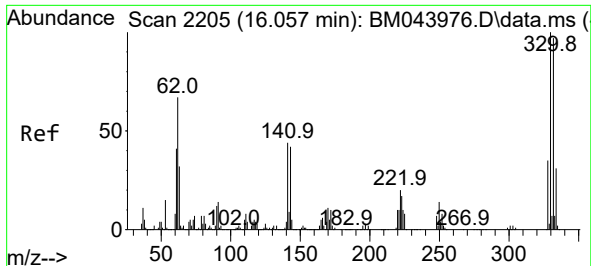
Ion Ratio Lower Upper

164 100

162 100.3 79.0 118.4

160 46.0 35.8 53.8

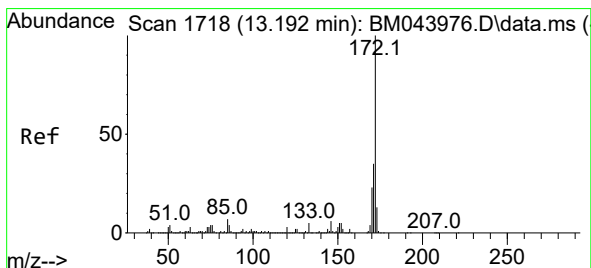
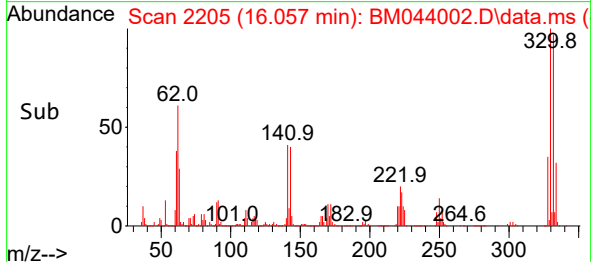
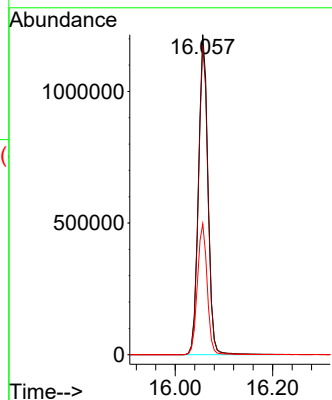
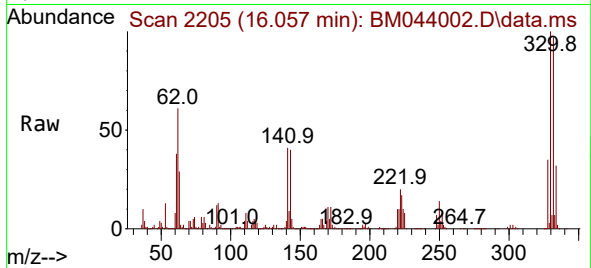




#42
2,4,6-Tribromophenol
Concen: 121.311 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044002.D
Acq: 06 Feb 2024 22:30

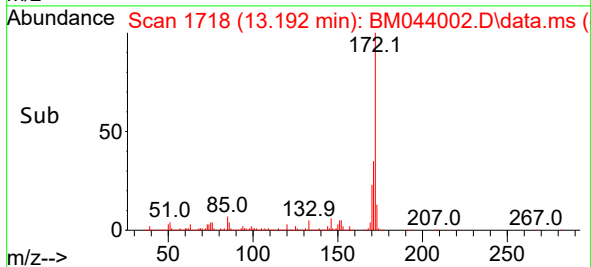
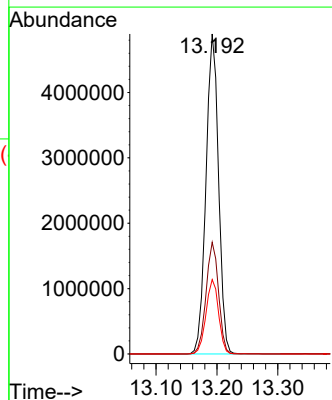
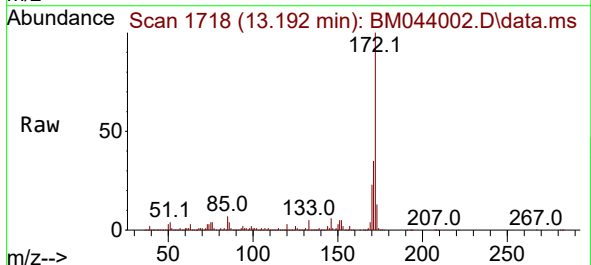
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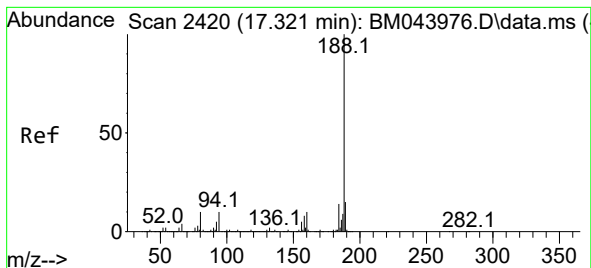
Tgt Ion:330 Resp: 1666441
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 41.8 33.5 50.3



#45
2-Fluorobiphenyl
Concen: 85.739 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM044002.D
Acq: 06 Feb 2024 22:30

Tgt Ion:172 Resp: 7031750
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM044002.D

Acq: 06 Feb 2024 22:30

Instrument :

BNA_M

ClientSampleId :

PB158553BL

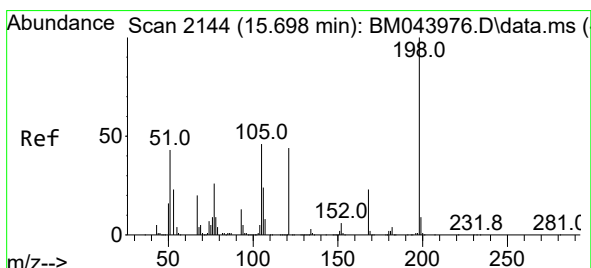
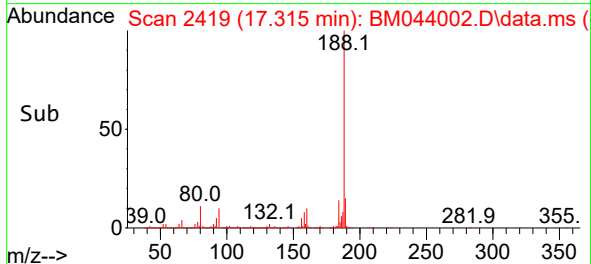
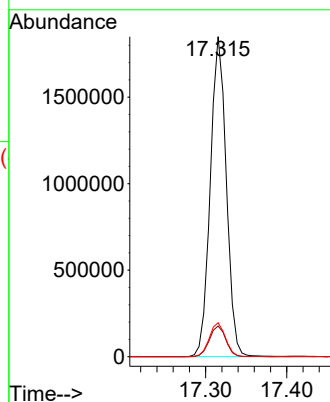
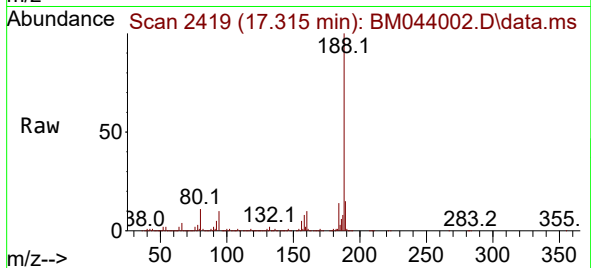
Tgt Ion:188 Resp: 2532586

Ion Ratio Lower Upper

188 100

94 9.6 7.7 11.5

80 10.6 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 6.204 ng

RT: 15.892 min Scan# 2177

Delta R.T. 0.194 min

Lab File: BM044002.D

Acq: 06 Feb 2024 22:30

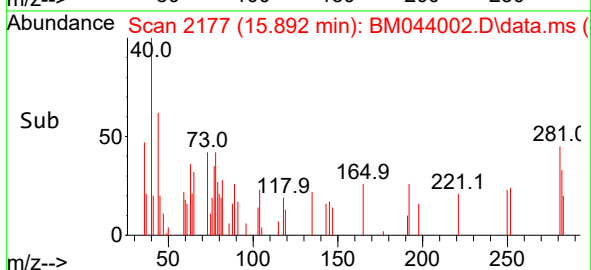
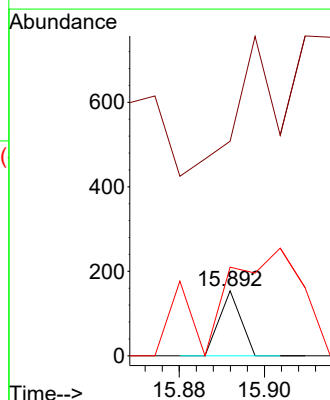
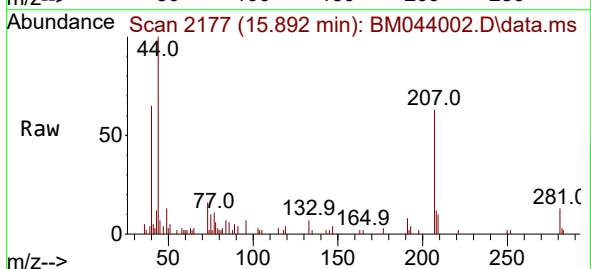
Tgt Ion:198 Resp: 54

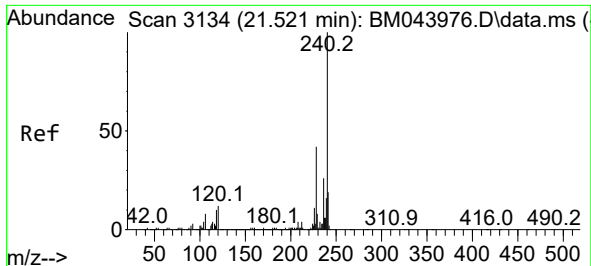
Ion Ratio Lower Upper

198 100

51 329.9 31.9 71.9#

105 136.4 28.1 68.1#

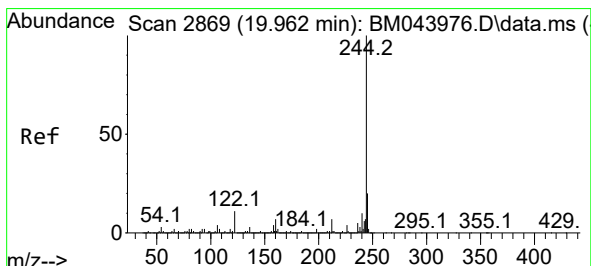
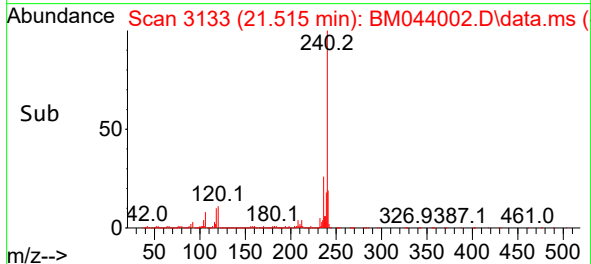
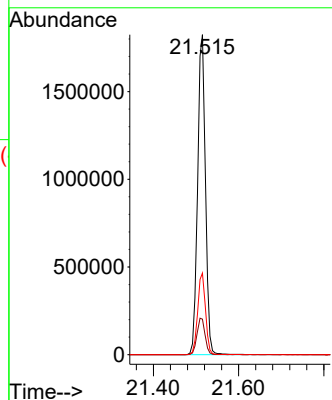
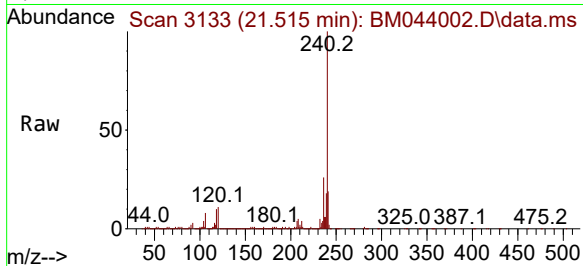




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044002.D
Acq: 06 Feb 2024 22:30

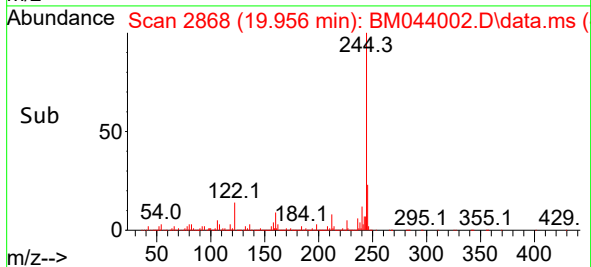
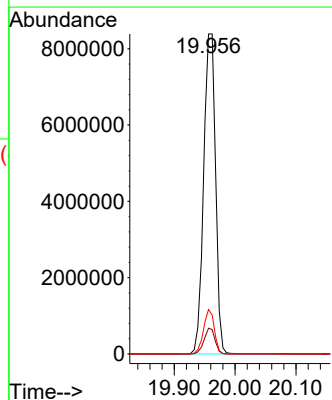
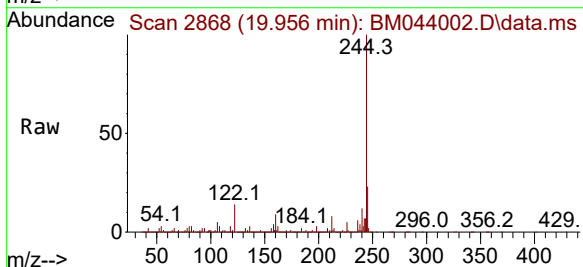
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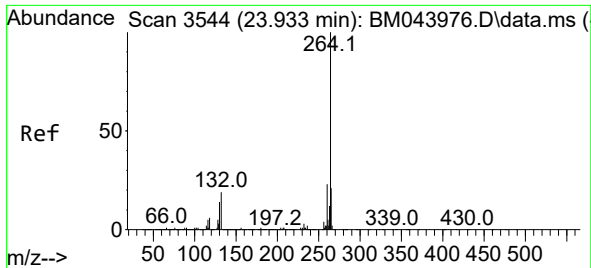
Tgt Ion:240 Resp: 2322164
Ion Ratio Lower Upper
240 100
120 11.1 9.3 13.9
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 94.877 ng
RT: 19.956 min Scan# 2868
Delta R.T. -0.006 min
Lab File: BM044002.D
Acq: 06 Feb 2024 22:30

Tgt Ion:244 Resp:11413060
Ion Ratio Lower Upper
244 100
212 8.0 5.5 8.3
122 13.9 8.7 13.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.921 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM044002.D
Acq: 06 Feb 2024 22:30

Instrument :
BNA_M
ClientSampleId :
PB158553BL

Tgt Ion:264 Resp: 2571140

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.5	17.2	25.8

