

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM044003.D
 Acq On : 06 Feb 2024 23:06
 Operator : MA/JU
 Sample : PB158566BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158566BL

Quant Time: Feb 07 03:54:17 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)

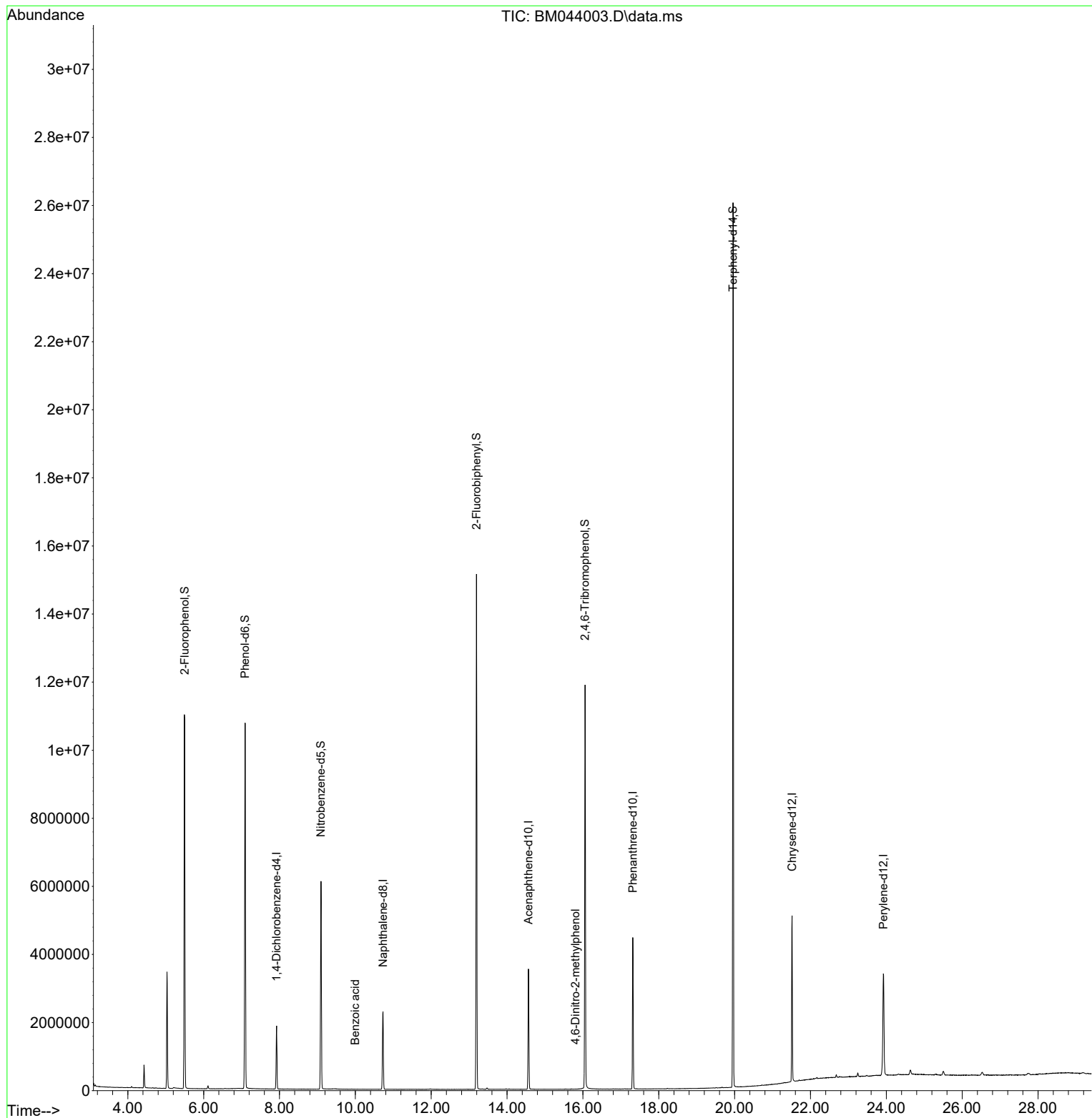
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	478901	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	1913424	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	1157829	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2564405	20.000	ng	0.00
76) Chrysene-d12	21.515	240	2205828	20.000	ng	0.00
86) Perylene-d12	23.921	264	2333777	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	4659604	143.683	ng	0.00
7) Phenol-d6	7.092	99	6004512	125.315	ng	0.00
23) Nitrobenzene-d5	9.092	82	3426311	86.320	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1844064	130.657	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	7504460	89.060	ng	0.00
79) Terphenyl-d14	19.956	244	11577118	101.317	ng	0.00
Target Compounds						
9) Benzaldehyde	7.092	77	9737	Below Cal	Qvalue #	4
32) Benzoic acid	9.992	122	78	6.691 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.804	198	116	6.208 ng	#	1

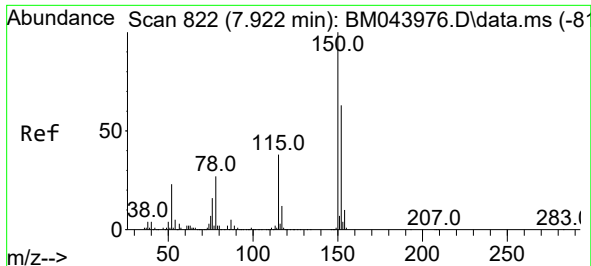
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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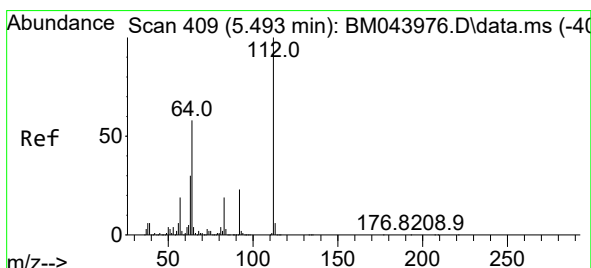
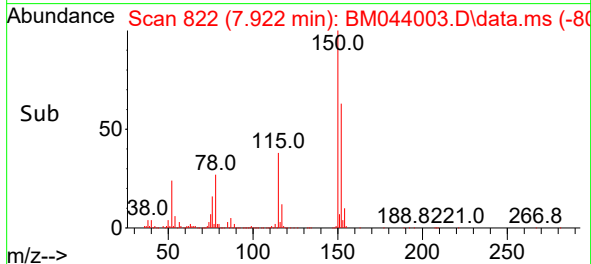
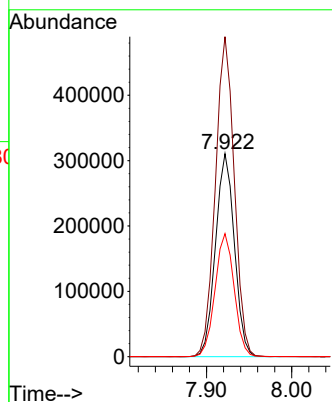
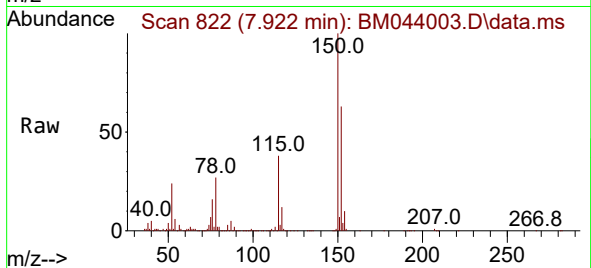




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM044003.D
 Acq: 06 Feb 2024 23:06

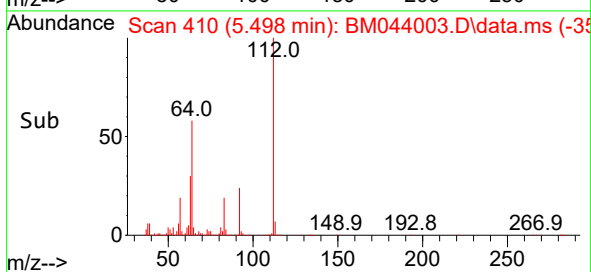
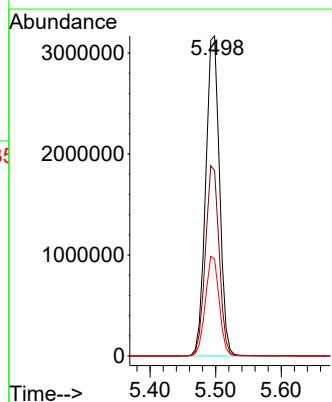
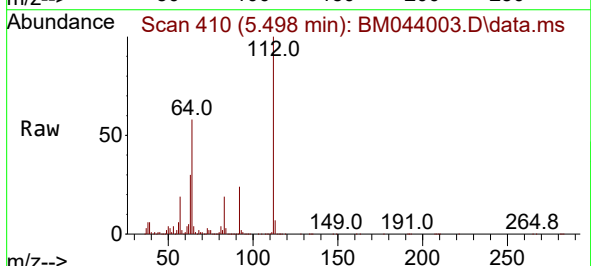
Instrument :
 BNA_M
 ClientSampleId :
 PB158566BL

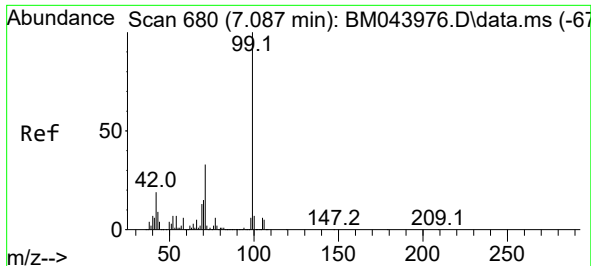
Tgt Ion:152 Resp: 478901
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.1 189.1
 115 60.6 48.2 72.2



#5
 2-Fluorophenol
 Concen: 143.683 ng
 RT: 5.498 min Scan# 410
 Delta R.T. 0.005 min
 Lab File: BM044003.D
 Acq: 06 Feb 2024 23:06

Tgt Ion:112 Resp: 4659604
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.6 70.0
 63 30.3 24.2 36.4

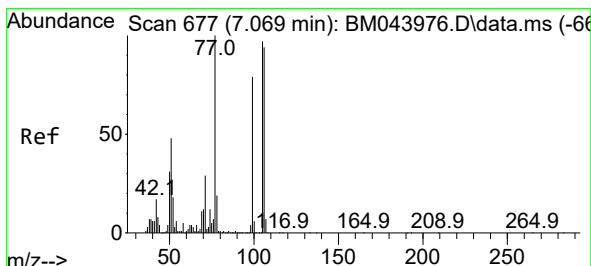
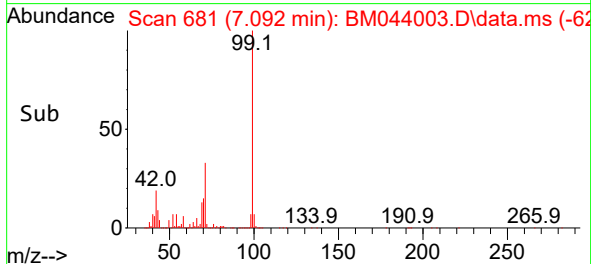
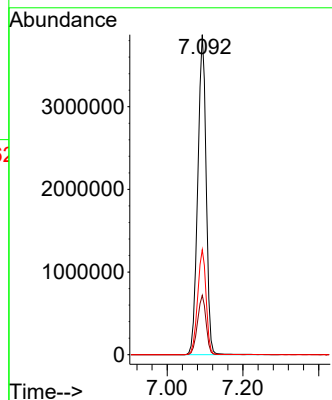
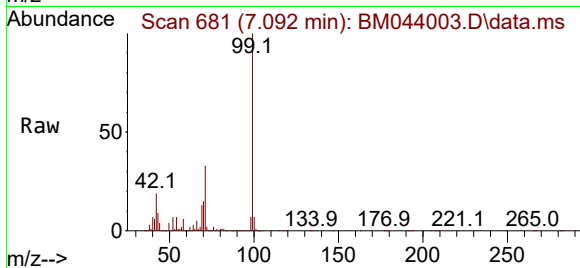




#7
Phenol-d6
Concen: 125.315 ng
RT: 7.092 min Scan# 681
Delta R.T. 0.005 min
Lab File: BM044003.D
Acq: 06 Feb 2024 23:06

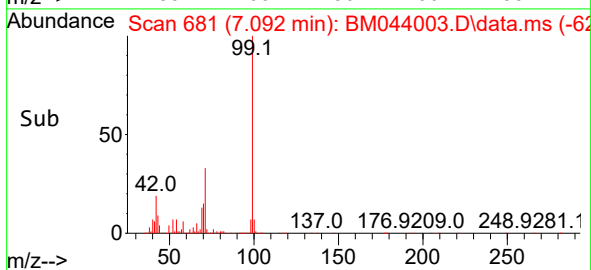
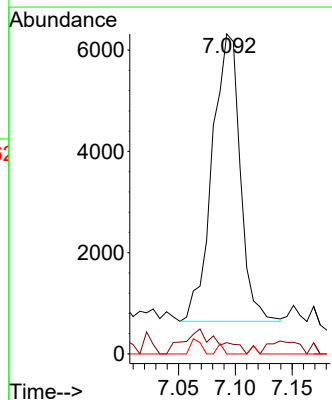
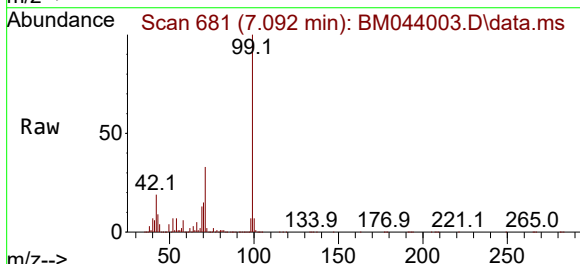
Instrument :
BNA_M
ClientSampleId :
PB158566BL

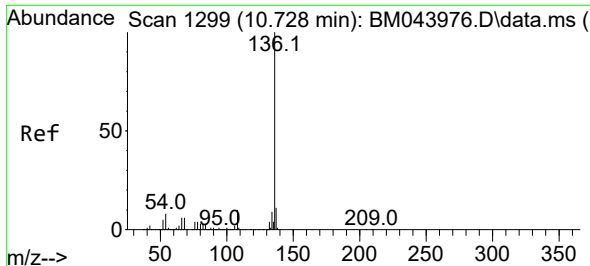
Tgt Ion: 99 Resp: 6004512
Ion Ratio Lower Upper
99 100
42 18.5 14.9 22.3
71 32.8 26.3 39.5



#9
Benzaldehyde
Concen: Below Cal
RT: 7.092 min Scan# 681
Delta R.T. 0.023 min
Lab File: BM044003.D
Acq: 06 Feb 2024 23:06

Tgt Ion: 77 Resp: 9737
Ion Ratio Lower Upper
77 100
105 3.5 77.4 117.4#
106 0.0 73.5 113.5#

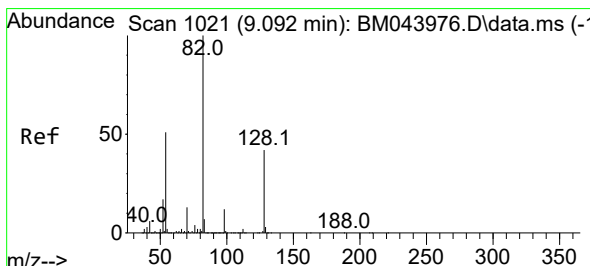
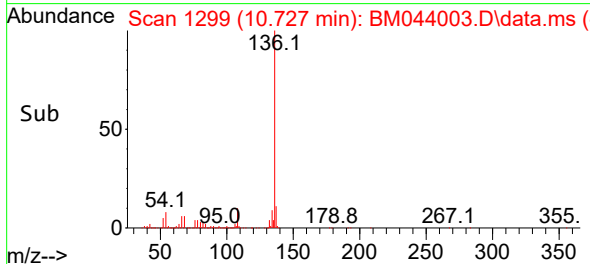
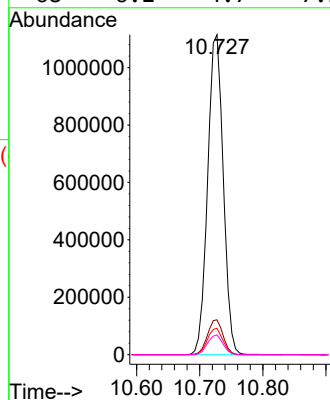
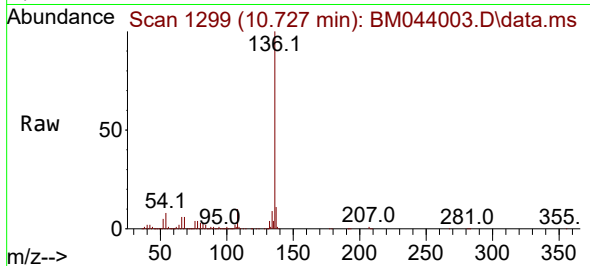




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1299
Delta R.T. -0.001 min
Lab File: BM044003.D
Acq: 06 Feb 2024 23:06

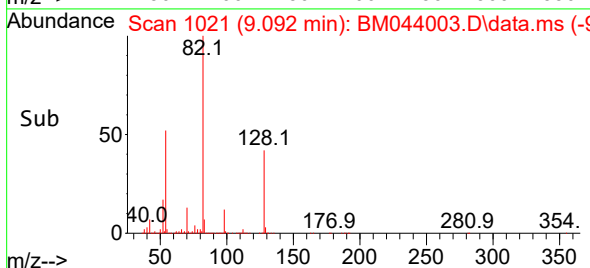
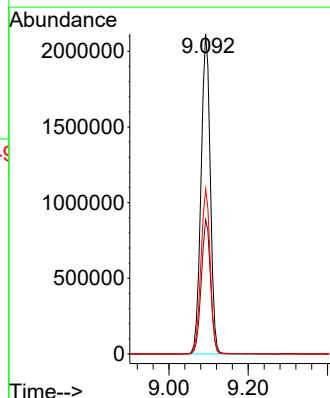
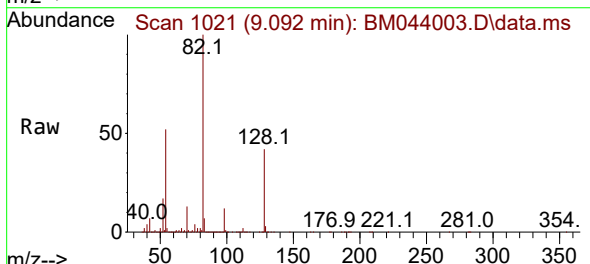
Instrument :
BNA_M
ClientSampleId :
PB158566BL

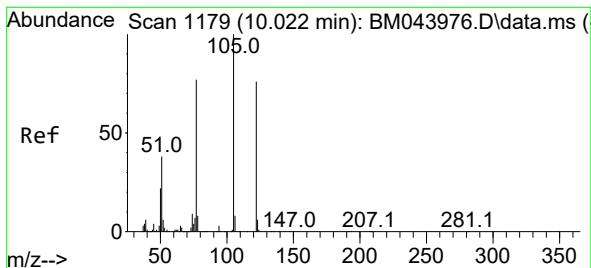
Tgt Ion:136 Resp: 1913424
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 6.5 9.7
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 86.320 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM044003.D
Acq: 06 Feb 2024 23:06

Tgt Ion: 82 Resp: 3426311
Ion Ratio Lower Upper
82 100
128 42.0 33.9 50.9
54 51.6 41.1 61.7





#32

Benzoic acid

Concen: 6.691 ng

RT: 9.992 min Scan# 1179

Delta R.T. -0.030 min

Lab File: BM044003.D

Acq: 06 Feb 2024 23:06

Instrument :

BNA_M

ClientSampleId :

PB158566BL

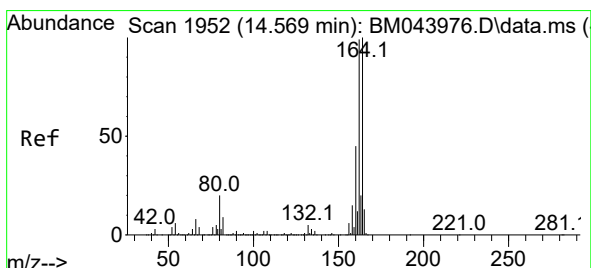
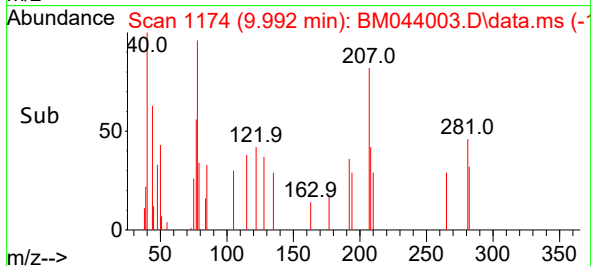
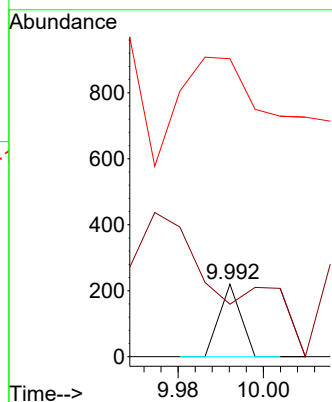
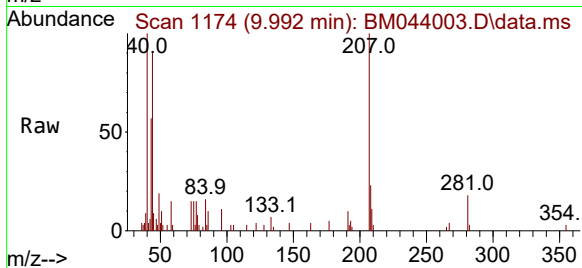
Tgt Ion:122 Resp: 78

Ion Ratio Lower Upper

122 100

105 72.3 109.4 149.4#

77 410.5 80.5 120.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1951

Delta R.T. -0.007 min

Lab File: BM044003.D

Acq: 06 Feb 2024 23:06

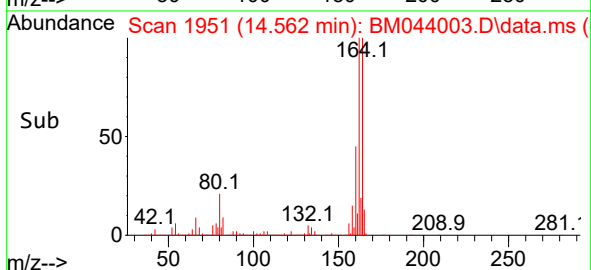
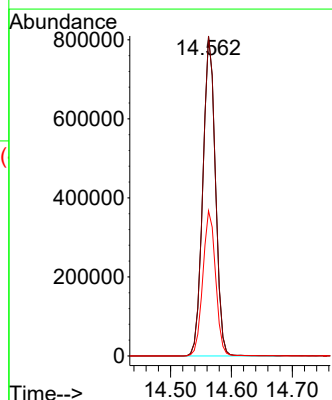
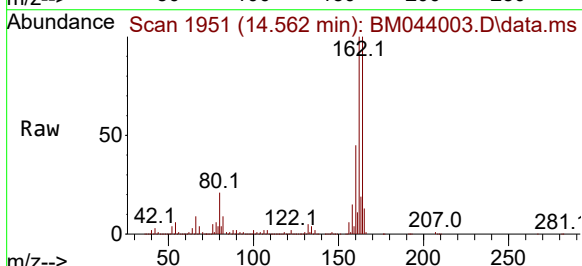
Tgt Ion:164 Resp: 1157829

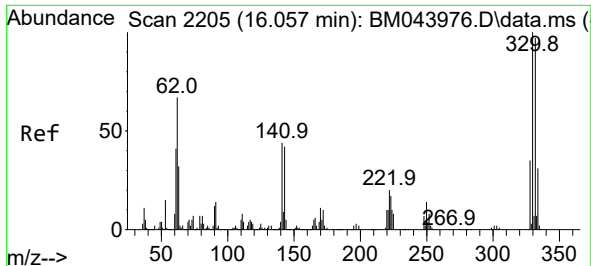
Ion Ratio Lower Upper

164 100

162 100.0 79.0 118.4

160 45.4 35.8 53.8

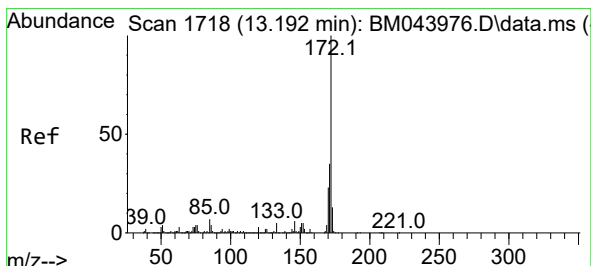
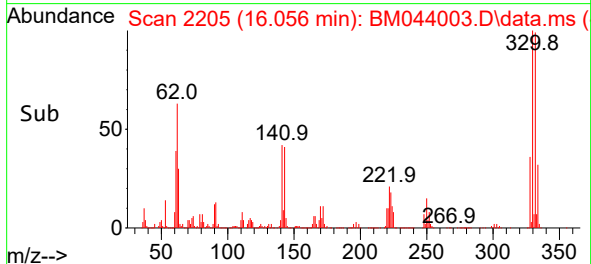
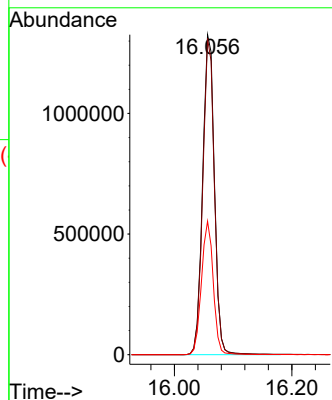
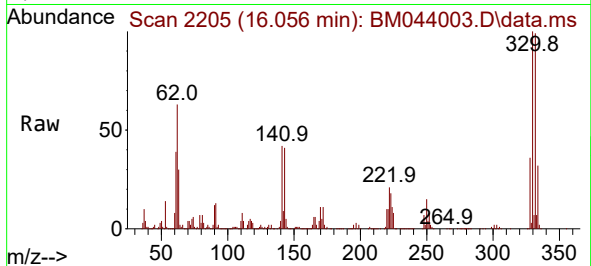




#42
2,4,6-Tribromophenol
Concen: 130.657 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM044003.D
Acq: 06 Feb 2024 23:06

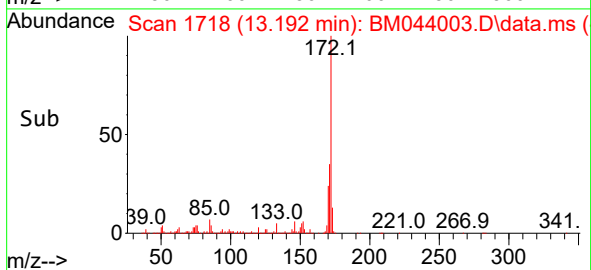
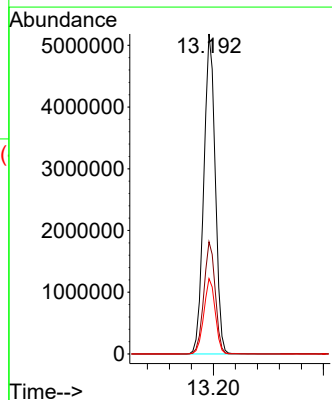
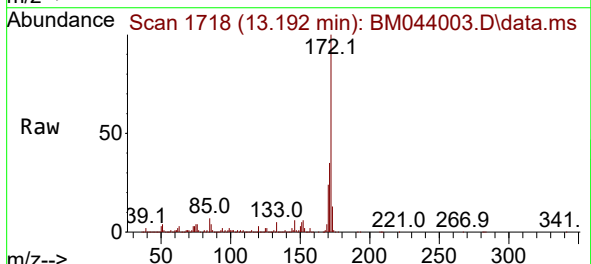
Instrument :
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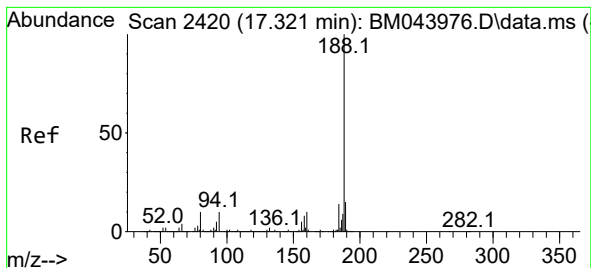
Tgt Ion:330 Resp: 1844064
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 41.8 33.5 50.3



#45
2-Fluorobiphenyl
Concen: 89.060 ng
RT: 13.192 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BM044003.D
Acq: 06 Feb 2024 23:06

Tgt Ion:172 Resp: 7504460
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.5 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: BM044003.D

Acq: 06 Feb 2024 23:06

Instrument :

BNA_M

ClientSampleId :

PB158566BL

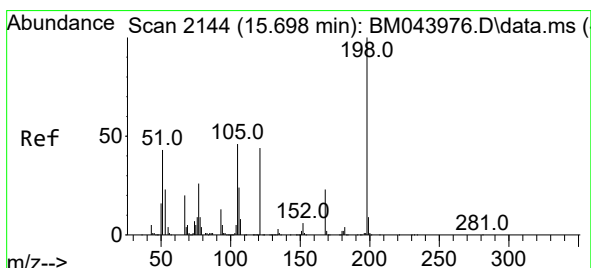
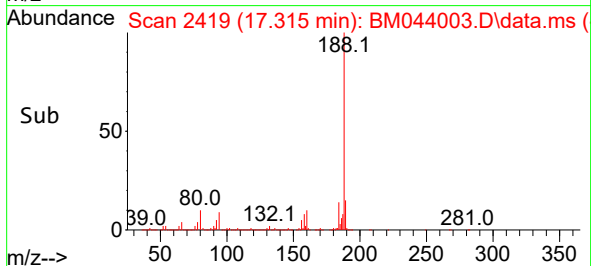
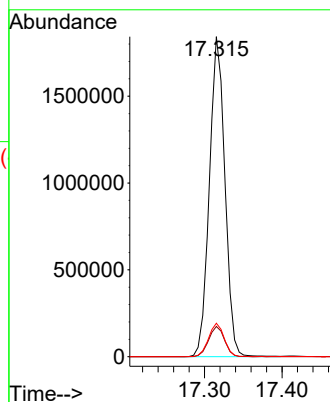
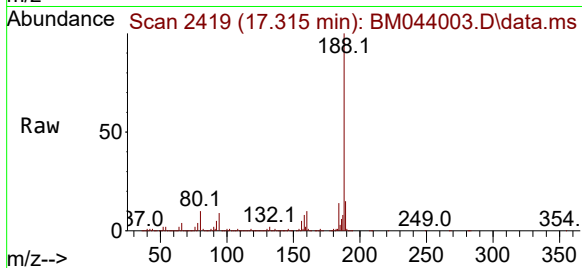
Tgt Ion:188 Resp: 2564405

Ion Ratio Lower Upper

188 100

94 9.5 7.7 11.5

80 10.4 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 6.208 ng

RT: 15.804 min Scan# 2162

Delta R.T. 0.106 min

Lab File: BM044003.D

Acq: 06 Feb 2024 23:06

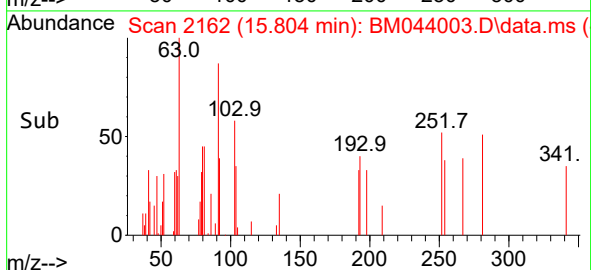
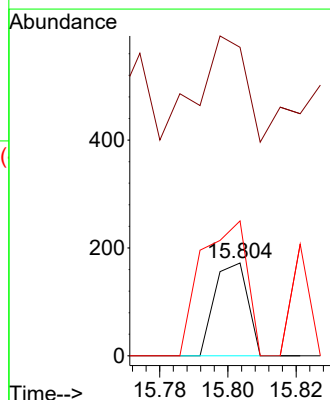
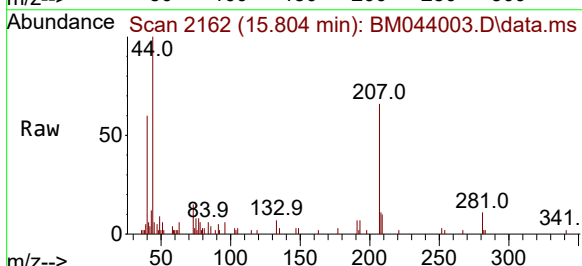
Tgt Ion:198 Resp: 116

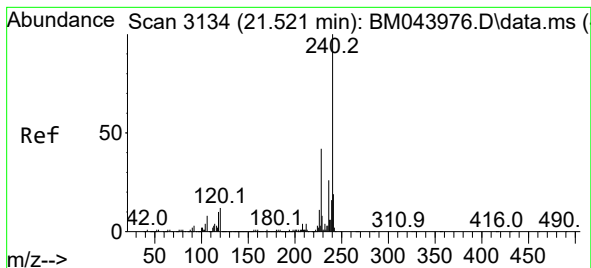
Ion Ratio Lower Upper

198 100

51 332.6 31.9 71.9#

105 145.3 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: BM044003.D

Acq: 06 Feb 2024 23:06

Instrument :

BNA_M

ClientSampleId :

PB158566BL

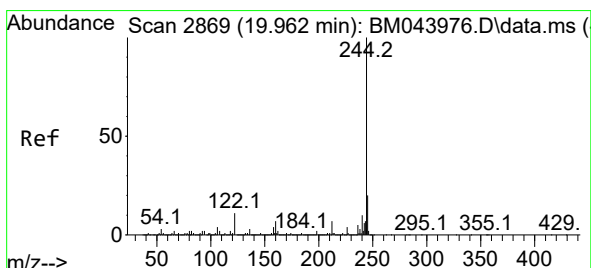
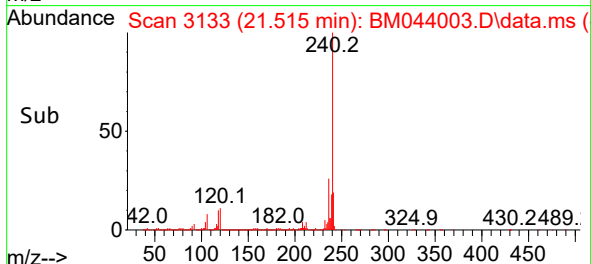
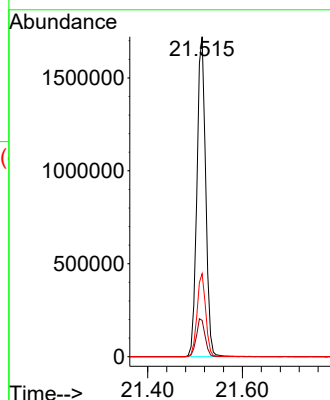
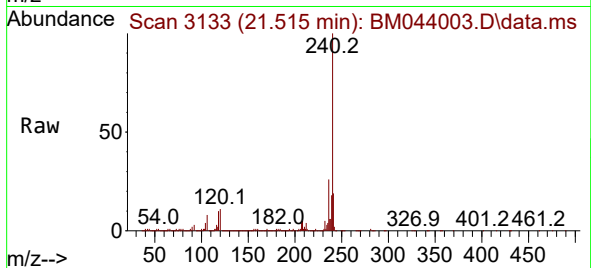
Tgt Ion:240 Resp: 2205828

Ion Ratio Lower Upper

240 100

120 11.4 9.3 13.9

236 26.0 20.5 30.7



#79

Terphenyl-d14

Concen: 101.317 ng

RT: 19.956 min Scan# 2868

Delta R.T. -0.006 min

Lab File: BM044003.D

Acq: 06 Feb 2024 23:06

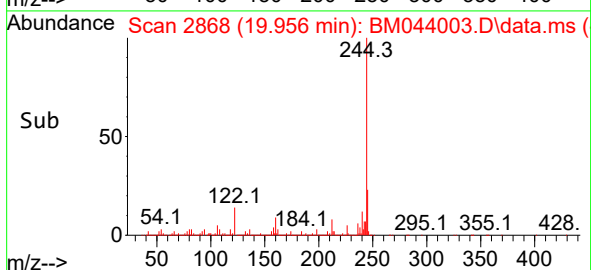
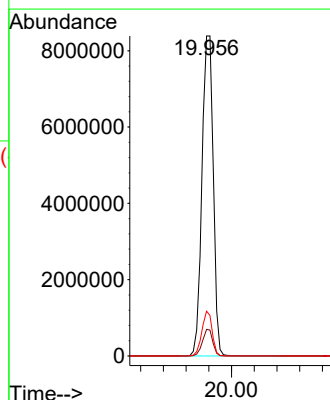
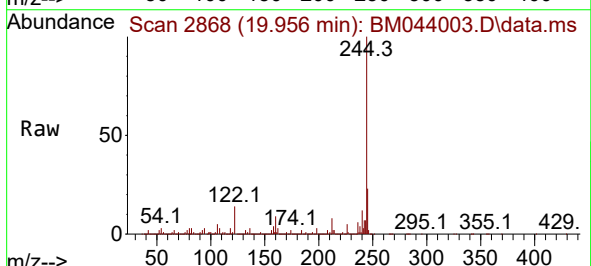
Tgt Ion:244 Resp:11577118

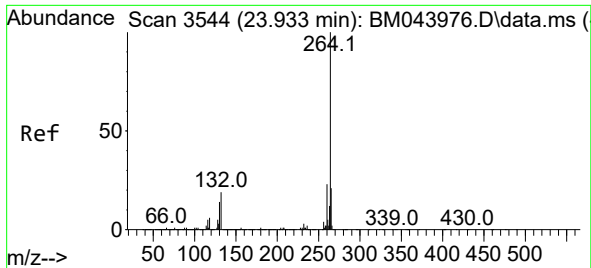
Ion Ratio Lower Upper

244 100

212 8.3 5.5 8.3#

122 14.0 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: BM044003.D
Acq: 06 Feb 2024 23:06

Instrument :
BNA_M
ClientSampleId :
PB158566BL

Tgt Ion:264 Resp: 2333777

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.9	17.2	25.8

