

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM043998.D
 Acq On : 06 Feb 2024 18:53
 Operator : MA/JU
 Sample : PB158215BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158215BL

Quant Time: Feb 07 03:52:35 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

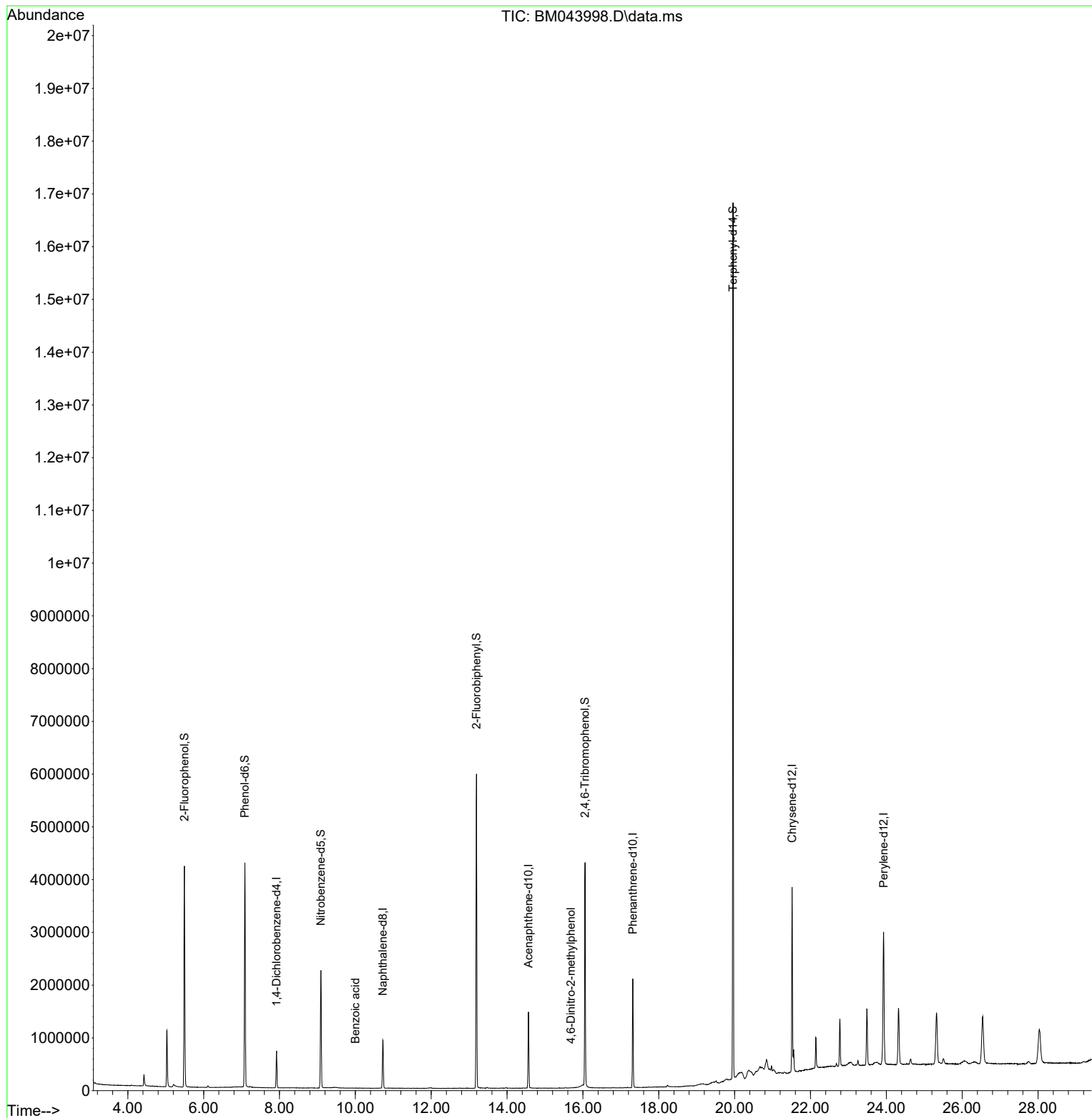
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	183431	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	764758	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	477724	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1184361	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1561729	20.000	ng	0.00
86) Perylene-d12	23.927	264	1925996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1824845	146.911	ng	0.00
7) Phenol-d6	7.087	99	2341349	127.575	ng	0.00
23) Nitrobenzene-d5	9.092	82	1305657	82.300	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	623245	107.024	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3005402	86.444	ng	0.00
79) Terphenyl-d14	19.956	244	7212168	89.148	ng	0.00
Target Compounds						
9) Benzaldehyde	7.093	77	4366	Below Cal	#	6
32) Benzoic acid	10.004	122	126	6.700	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.680	198	59	6.208	ng	# 1

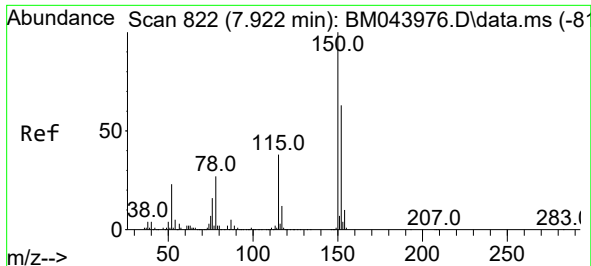
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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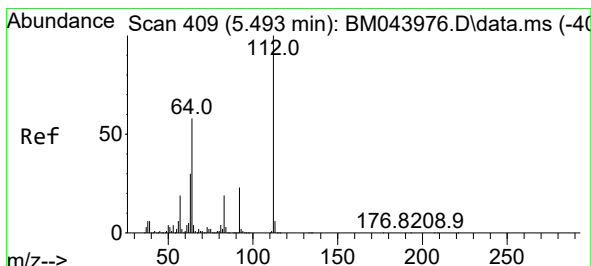
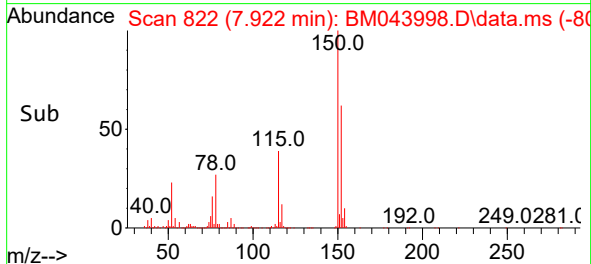
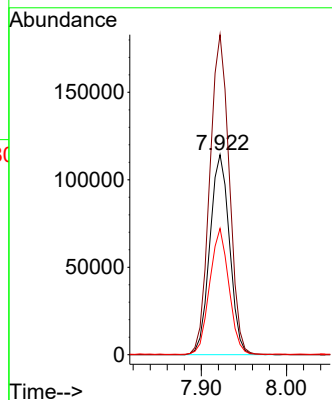
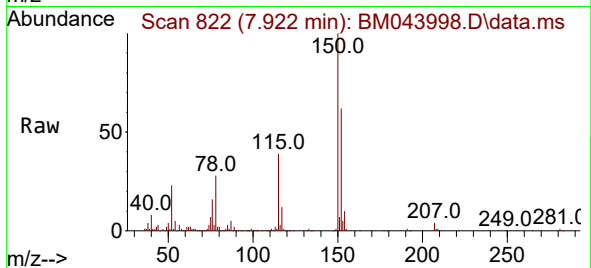




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM043998.D
 Acq: 06 Feb 2024 18:53

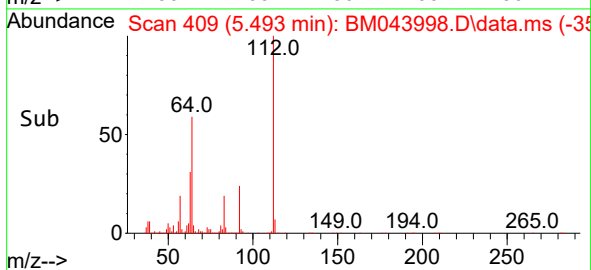
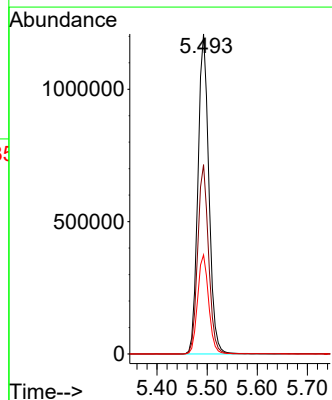
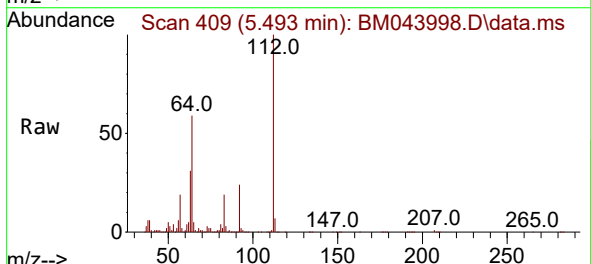
Instrument :
 BNA_M
 ClientSampleId :
 PB158215BL

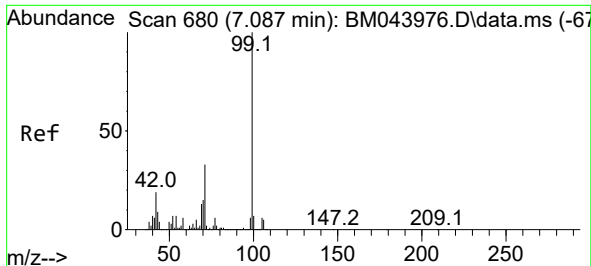
Tgt Ion:152 Resp: 183431
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.1 189.1
 115 63.2 48.2 72.2



#5
 2-Fluorophenol
 Concen: 146.911 ng
 RT: 5.493 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: BM043998.D
 Acq: 06 Feb 2024 18:53

Tgt Ion:112 Resp: 1824845
 Ion Ratio Lower Upper
 112 100
 64 59.2 46.6 70.0
 63 30.9 24.2 36.4

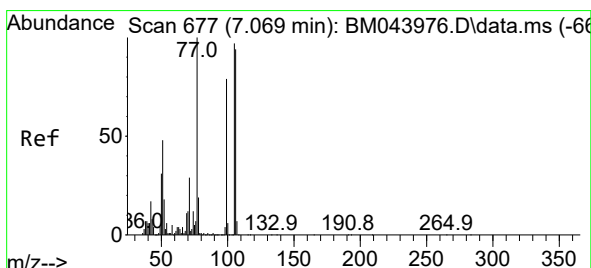
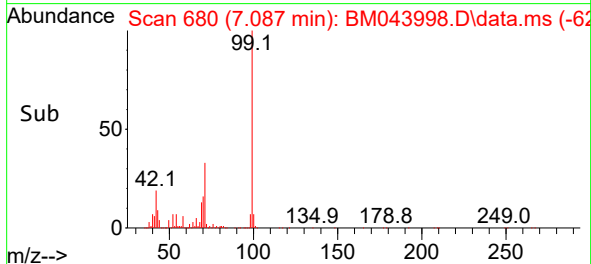
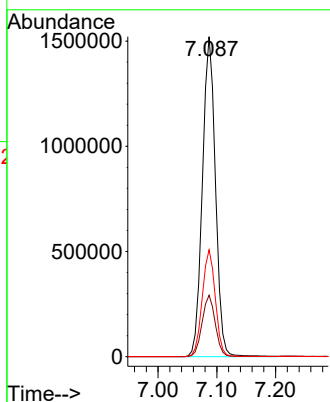
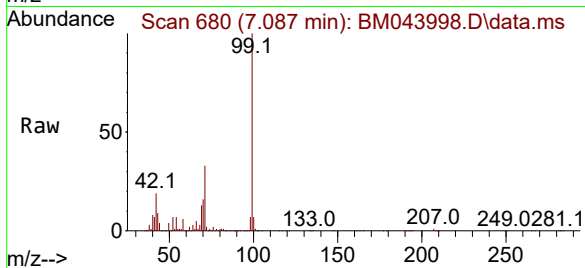




#7
Phenol-d6
Concen: 127.575 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

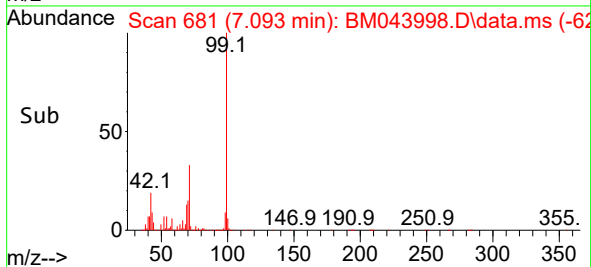
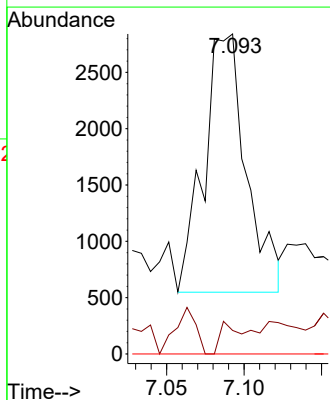
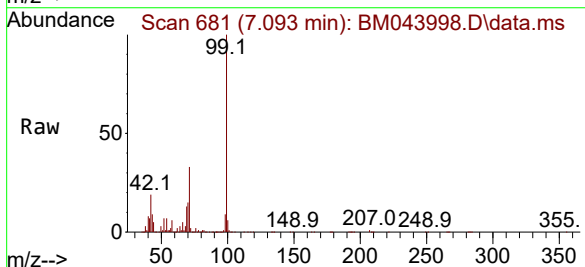
Instrument :
BNA_M
ClientSampleId :
PB158215BL

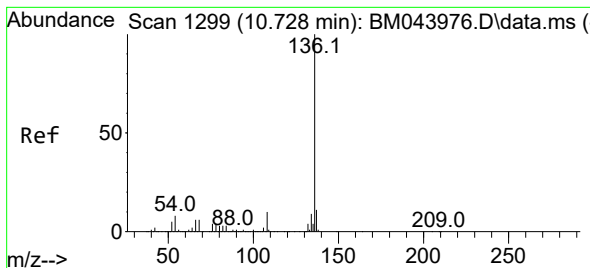
Tgt Ion: 99 Resp: 2341349
Ion Ratio Lower Upper
99 100
42 19.2 14.9 22.3
71 33.4 26.3 39.5



#9
Benzaldehyde
Concen: Below Cal
RT: 7.093 min Scan# 681
Delta R.T. 0.024 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

Tgt Ion: 77 Resp: 4366
Ion Ratio Lower Upper
77 100
105 7.4 77.4 117.4#
106 0.0 73.5 113.5#

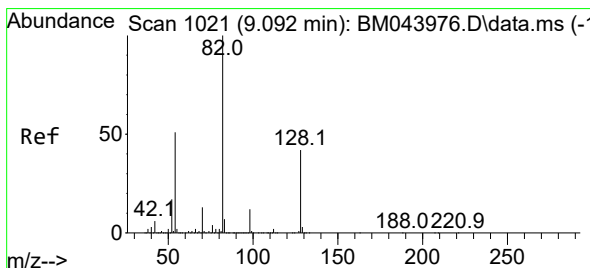
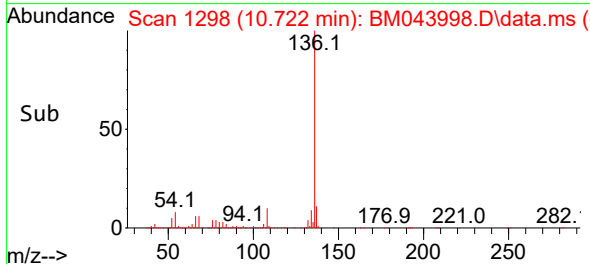
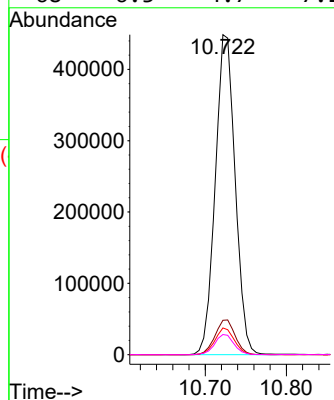
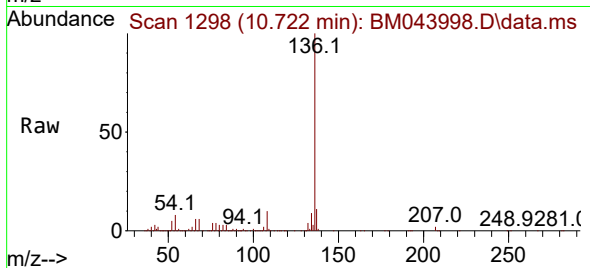




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

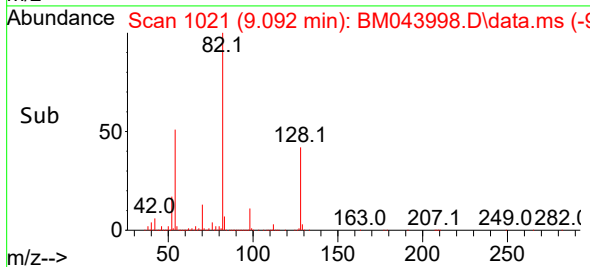
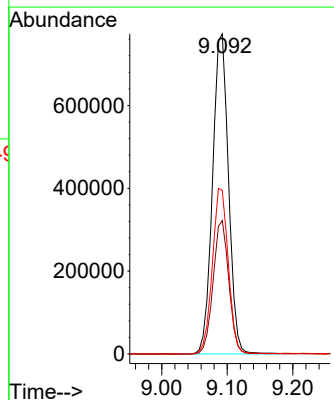
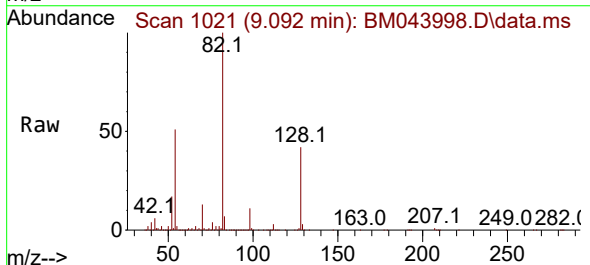
Instrument :
BNA_M
ClientSampleId :
PB158215BL

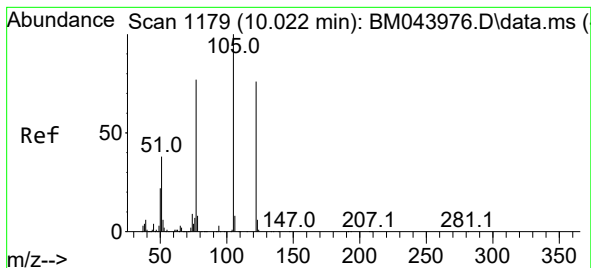
Tgt Ion:136 Resp: 764758
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.3 6.5 9.7
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 82.300 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

Tgt Ion: 82 Resp: 1305657
Ion Ratio Lower Upper
82 100
128 41.7 33.9 50.9
54 51.1 41.1 61.7





#32

Benzoic acid

Concen: 6.700 ng

RT: 10.004 min Scan# 1176

Delta R.T. -0.018 min

Lab File: BM043998.D

Acq: 06 Feb 2024 18:53

Instrument :

BNA_M

ClientSampleId :

PB158215BL

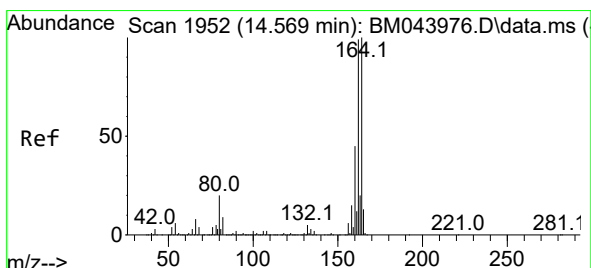
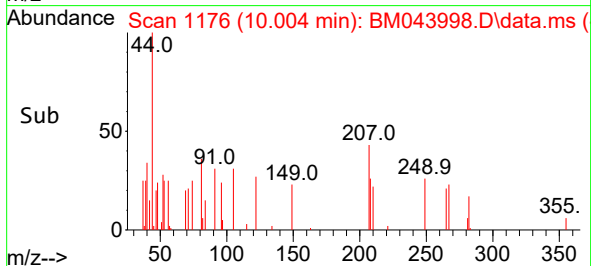
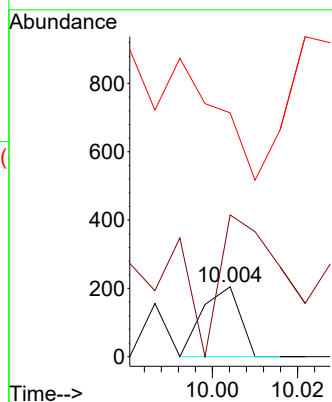
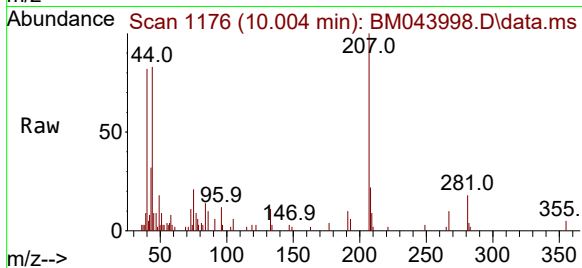
Tgt Ion:122 Resp: 126

Ion Ratio Lower Upper

122 100

105 202.4 109.4 149.4#

77 348.3 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: BM043998.D

Acq: 06 Feb 2024 18:53

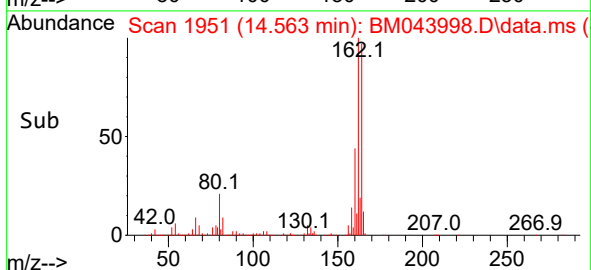
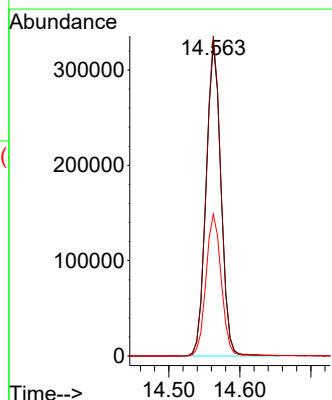
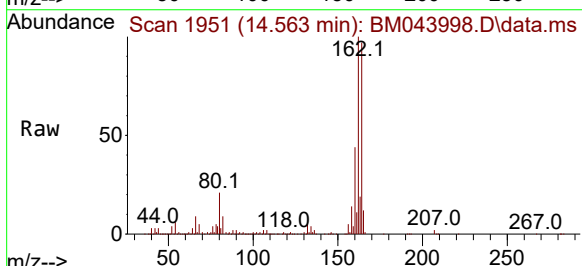
Tgt Ion:164 Resp: 477724

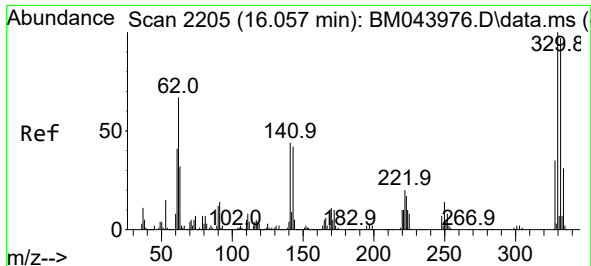
Ion Ratio Lower Upper

164 100

162 102.7 79.0 118.4

160 45.5 35.8 53.8

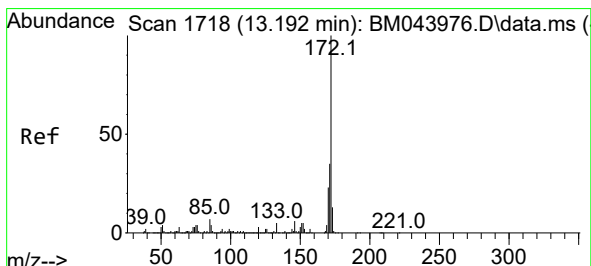
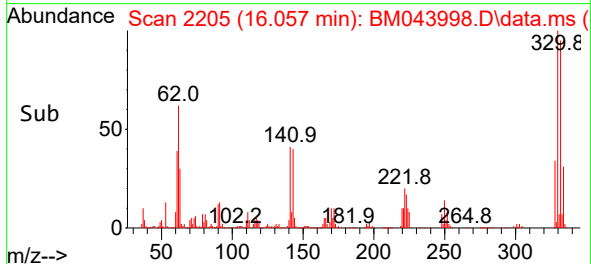
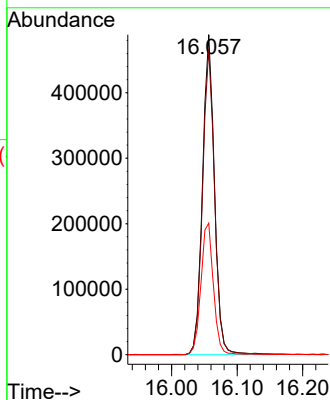
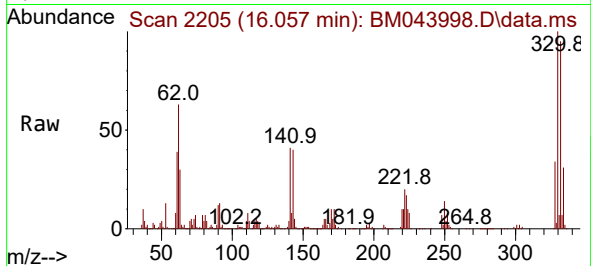




#42
2,4,6-Tribromophenol
Concen: 107.024 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

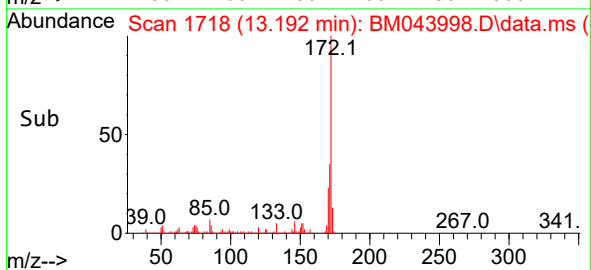
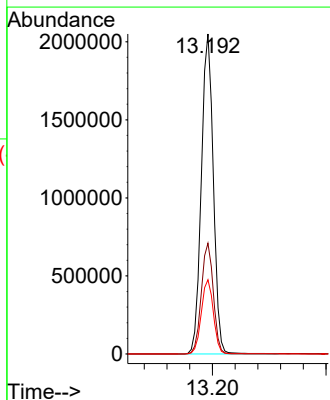
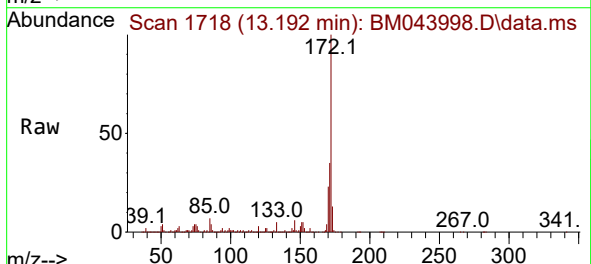
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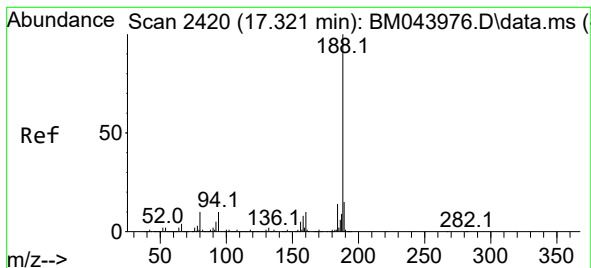
Tgt Ion:330 Resp: 623245
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 42.7 33.5 50.3



#45
2-Fluorobiphenyl
Concen: 86.444 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

Tgt Ion:172 Resp: 3005402
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.2 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: BM043998.D

Acq: 06 Feb 2024 18:53

Instrument :

BNA_M

ClientSampleId :

PB158215BL

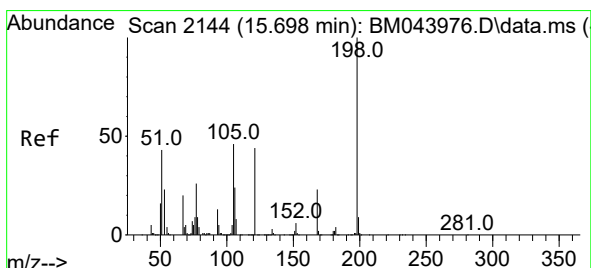
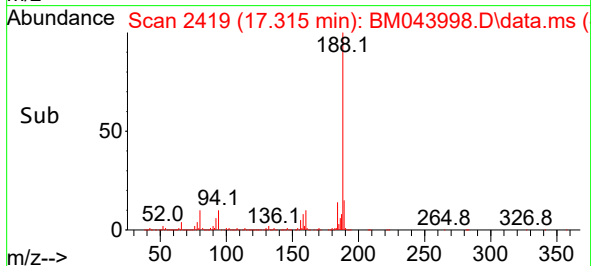
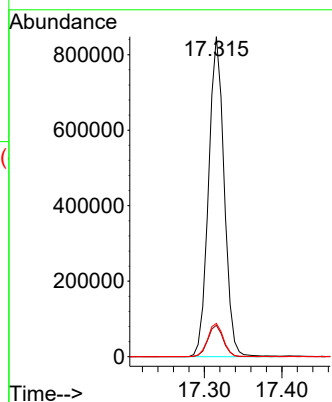
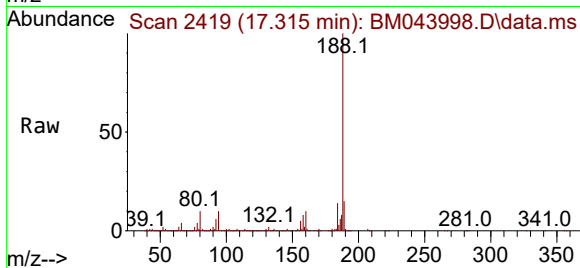
Tgt Ion:188 Resp: 1184361

Ion Ratio Lower Upper

188 100

94 9.8 7.7 11.5

80 10.4 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 6.208 ng

RT: 15.680 min Scan# 2141

Delta R.T. -0.018 min

Lab File: BM043998.D

Acq: 06 Feb 2024 18:53

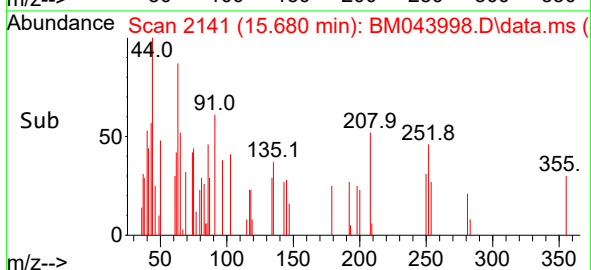
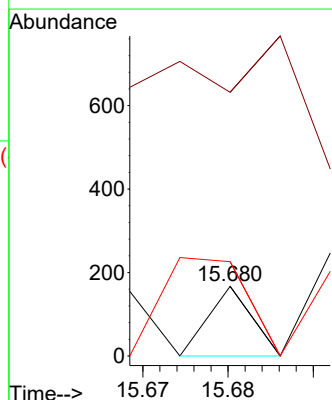
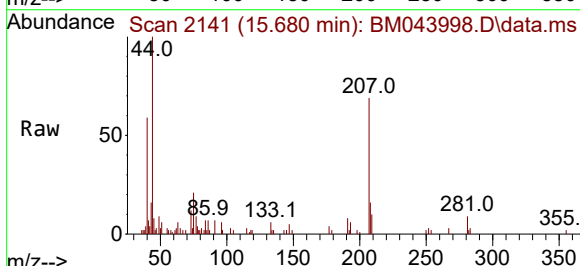
Tgt Ion:198 Resp: 59

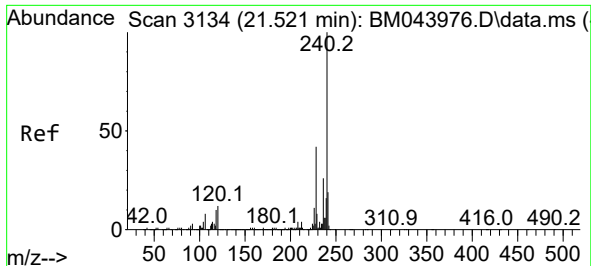
Ion Ratio Lower Upper

198 100

51 378.4 31.9 71.9#

105 135.3 28.1 68.1#

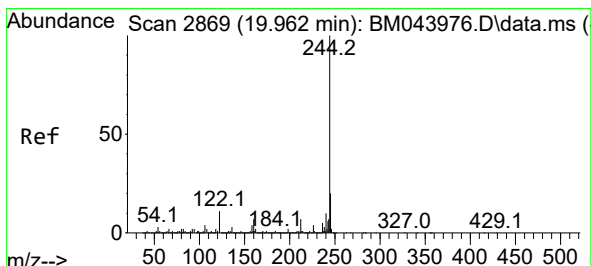
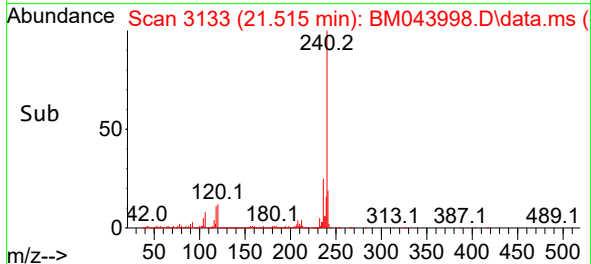
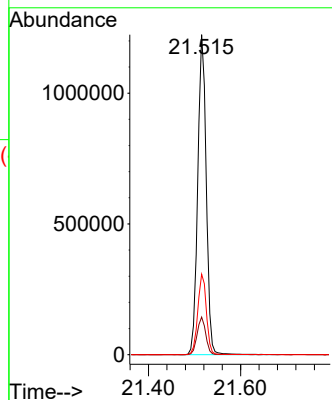
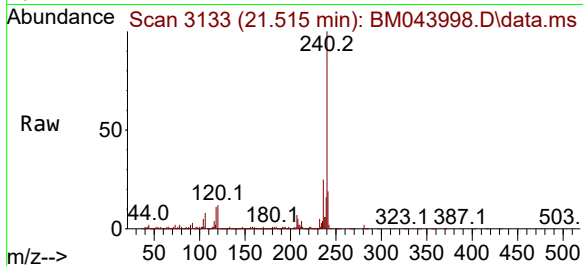




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

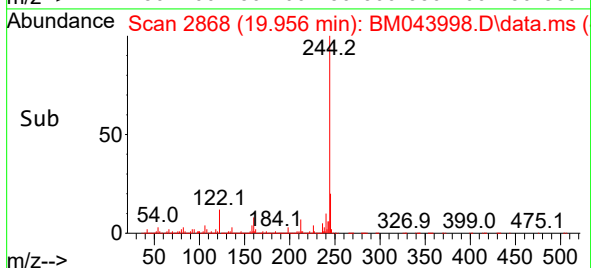
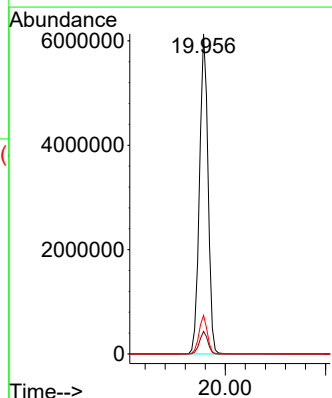
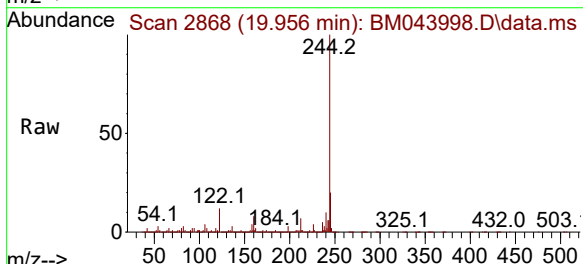
Instrument :
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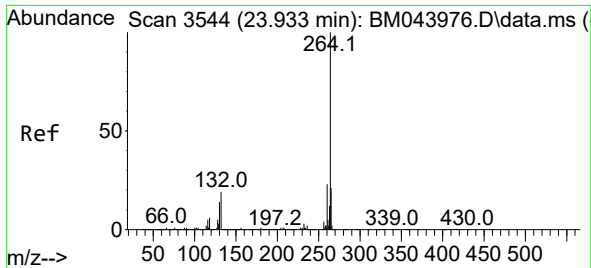
Tgt Ion:240 Resp: 1561729
Ion Ratio Lower Upper
240 100
120 11.7 9.3 13.9
236 25.2 20.5 30.7



#79
Terphenyl-d14
Concen: 89.148 ng
RT: 19.956 min Scan# 2868
Delta R.T. -0.006 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

Tgt Ion:244 Resp: 7212168
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 12.1 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM043998.D
Acq: 06 Feb 2024 18:53

Instrument :
BNA_M
ClientSampleId :
PB158215BL

Tgt Ion:264 Resp: 1925996
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.8 17.2 25.8

