

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
 Data File : BM043906.D
 Acq On : 25 Jan 2024 16:42
 Operator : MA/JU
 Sample : PB158578BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158578BL

Quant Time: Jan 26 01:16:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 00:26:01 2024
 Response via : Initial Calibration

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

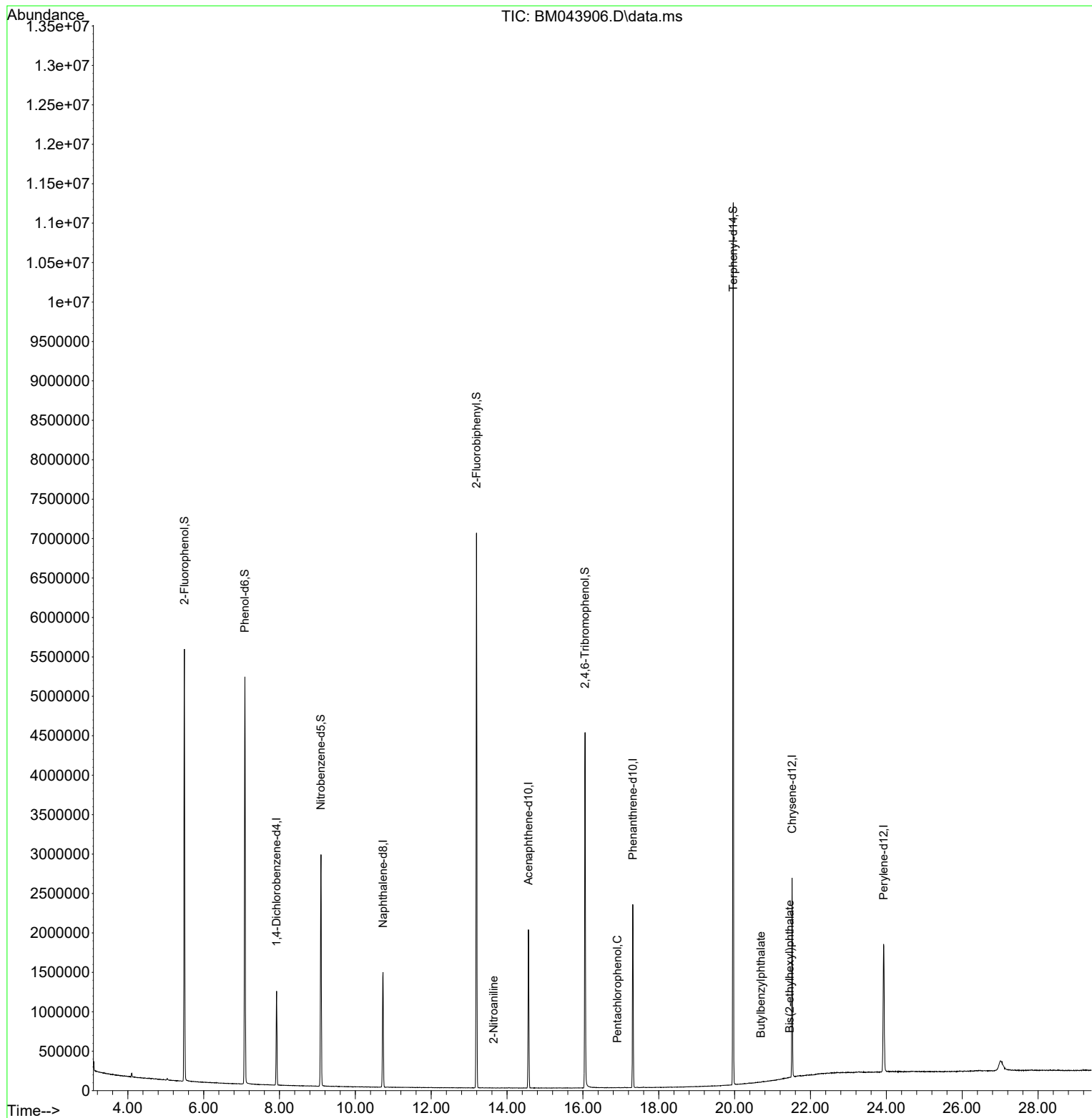
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	313188	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1184774	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	662574	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1347952	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1132668	20.000	ng	0.00
86) Perylene-d12	23.927	264	1261851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2224108	114.732	ng	0.00
7) Phenol-d6	7.087	99	2763256	109.793	ng	0.00
23) Nitrobenzene-d5	9.092	82	1607276	72.647	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	780301	101.250	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3528519	69.180	ng	0.00
79) Terphenyl-d14	19.962	244	5250910	79.091	ng	0.00
Target Compounds						
32) Benzoic acid	9.969	122	55	Below Cal	Qvalue #	66
48) 2-Nitroaniline	13.645	65	127	4.796 ng	#	7
70) Pentachlorophenol	16.910	266	201	6.405 ng	#	1
80) Butylbenzylphthalate	20.692	149	612	5.231 ng	#	87
84) Bis(2-ethylhexyl)phtha...	21.451	149	167	2.824 ng	#	52

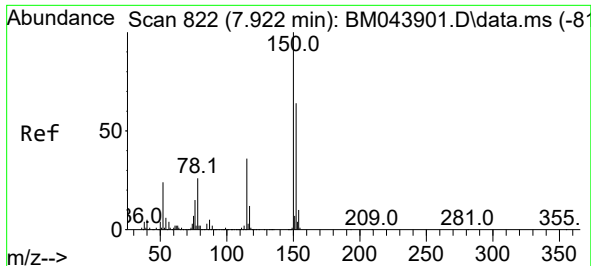
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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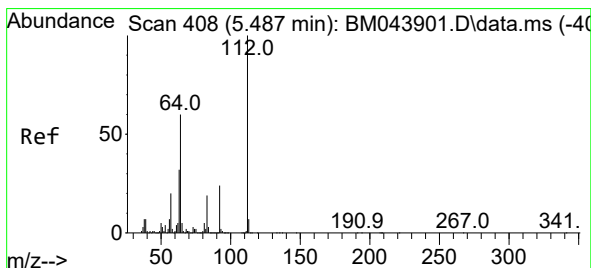
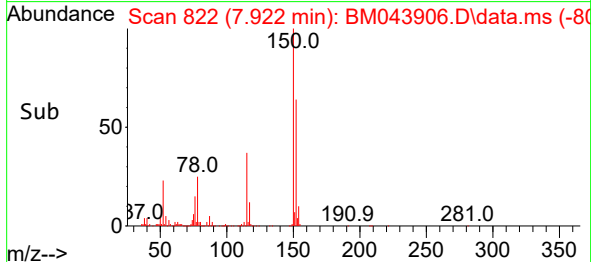
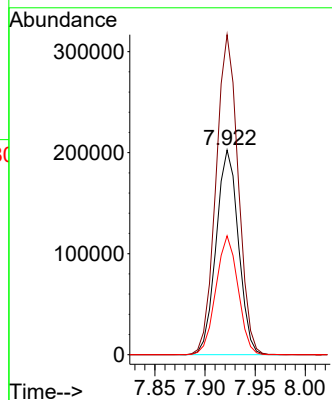
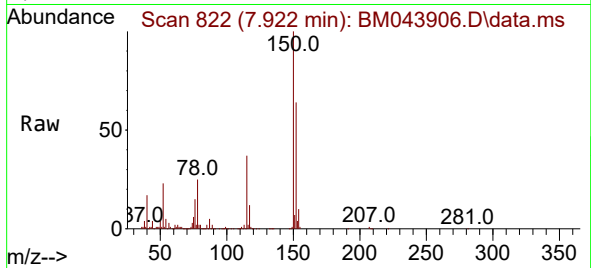




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

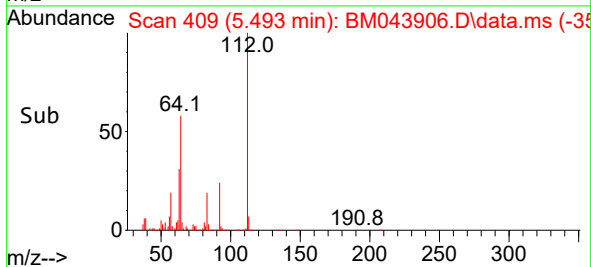
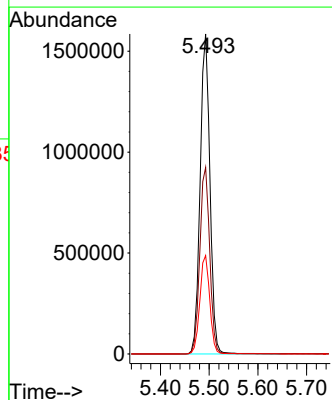
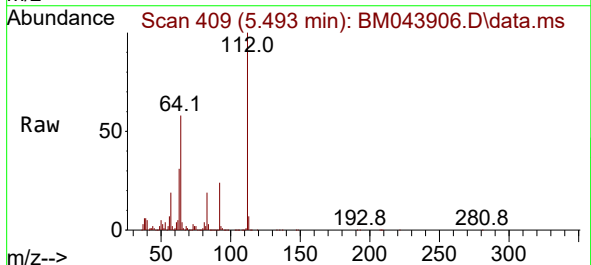
Instrument :
BNA_M
ClientSampleId :
PB158578BL

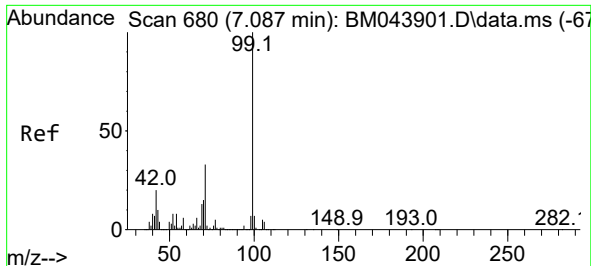
Tgt Ion:152 Resp: 313188
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 58.1 45.3 67.9



#5
2-Fluorophenol
Concen: 114.732 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

Tgt Ion:112 Resp: 2224108
Ion Ratio Lower Upper
112 100
64 58.3 48.3 72.5
63 30.8 25.6 38.4

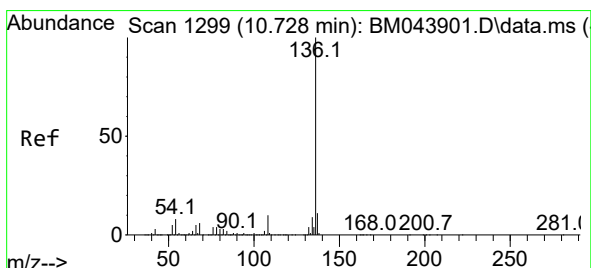
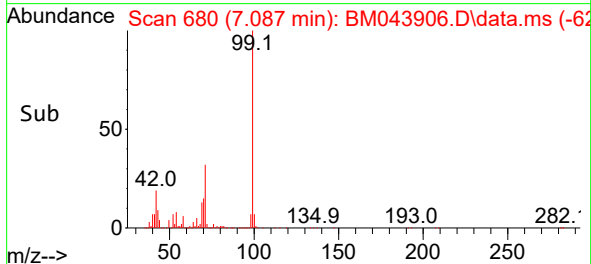
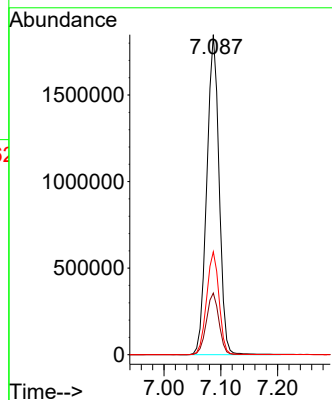
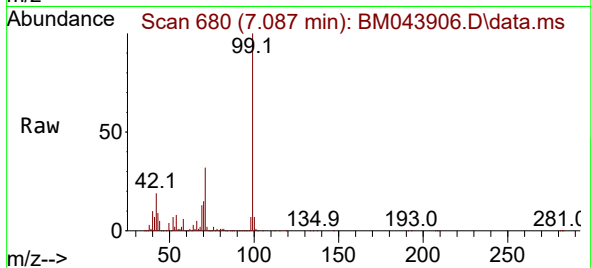




#7
Phenol-d6
Concen: 109.793 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

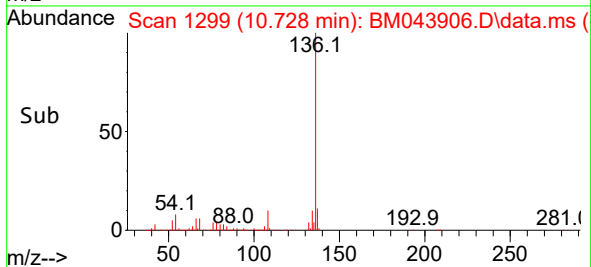
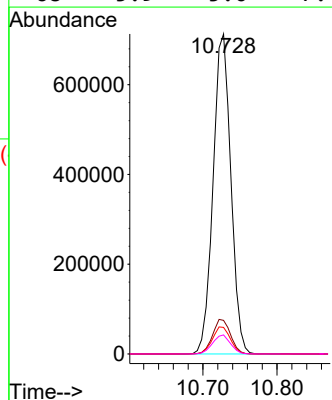
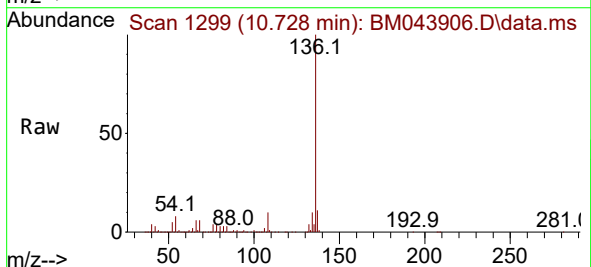
Instrument :
BNA_M
ClientSampleId :
PB158578BL

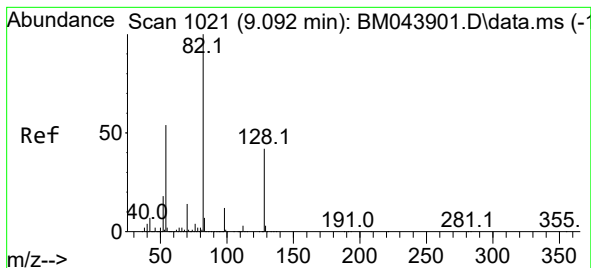
Tgt Ion: 99 Resp: 2763256
Ion Ratio Lower Upper
99 100
42 19.3 16.0 24.0
71 32.2 26.6 40.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

Tgt Ion: 136 Resp: 1184774
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.3 6.6 10.0
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 72.647 ng

RT: 9.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BM043906.D

Acq: 25 Jan 2024 16:42

Instrument :

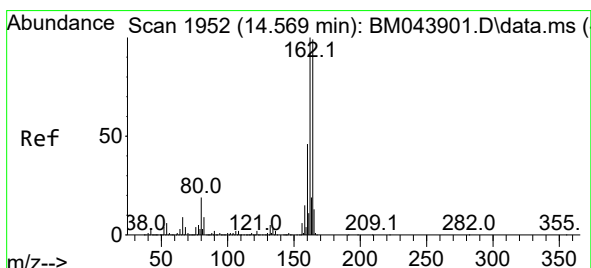
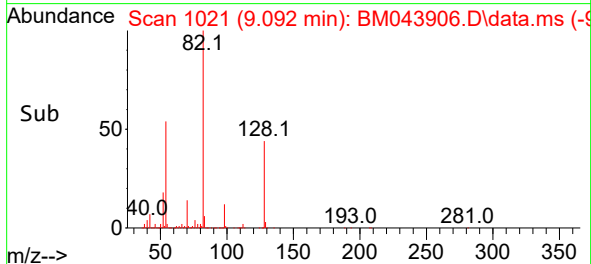
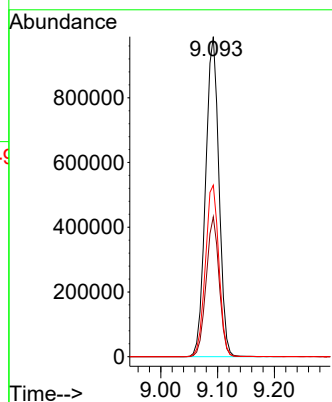
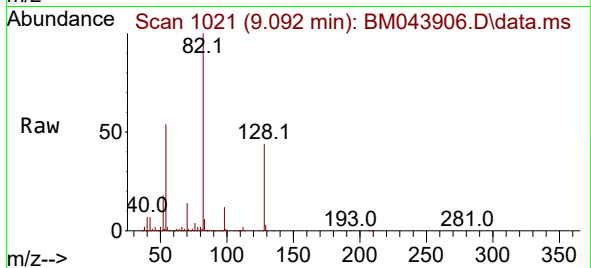
BNA_M

ClientSampleId :

PB158578BL

Tgt Ion: 82 Resp: 1607276

Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.6	50.4
54	53.6	43.3	64.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1951

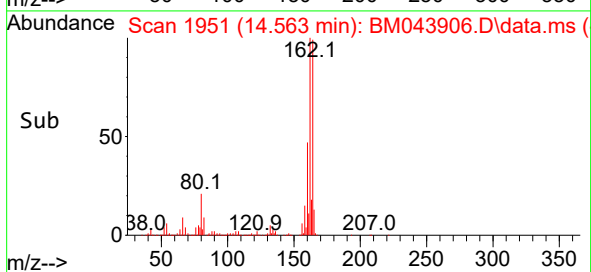
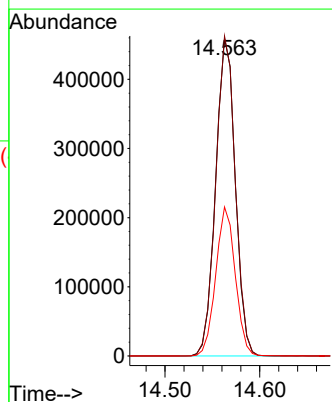
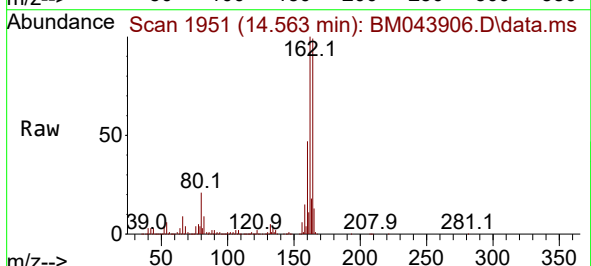
Delta R.T. -0.006 min

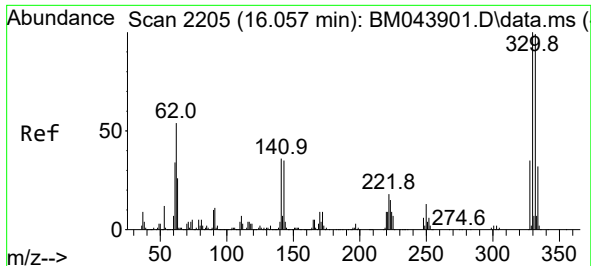
Lab File: BM043906.D

Acq: 25 Jan 2024 16:42

Tgt Ion: 164 Resp: 662574

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	46.9	37.4	56.0

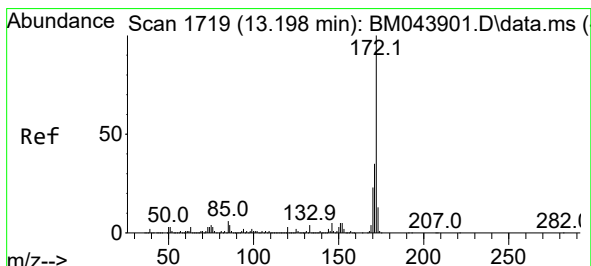
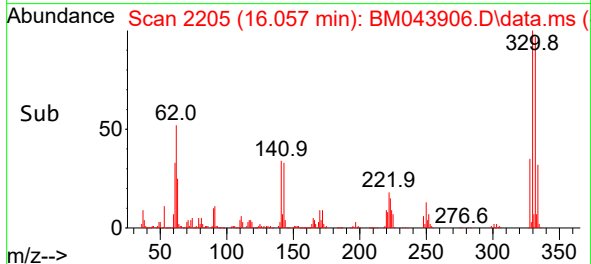
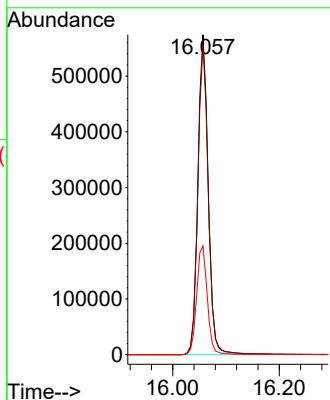
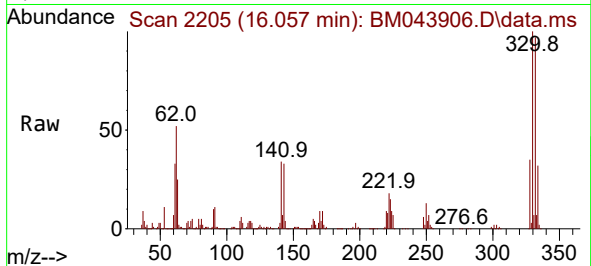




#42
2,4,6-Tribromophenol
Concen: 101.250 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

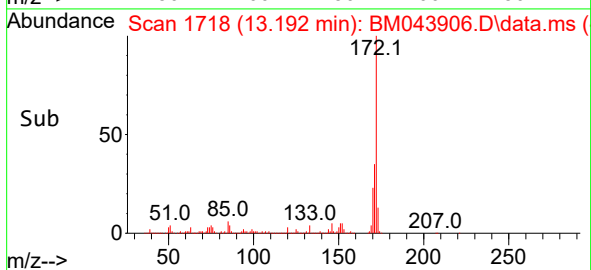
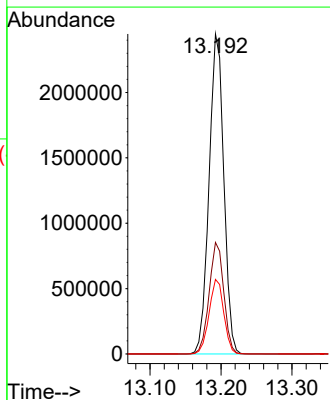
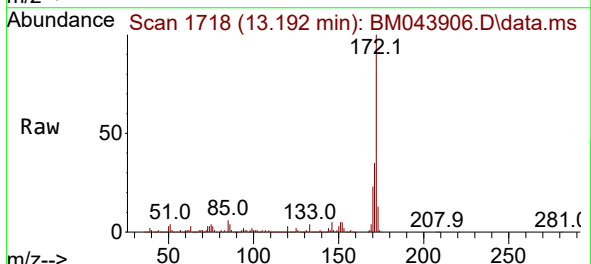
Instrument :
BNA_M
ClientSampleId :
PB158578BL

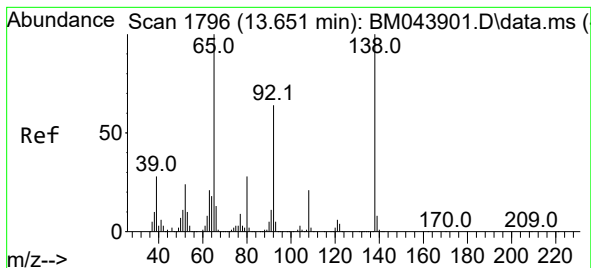
Tgt Ion:330 Resp: 780301
Ion Ratio Lower Upper
330 100
332 96.8 78.4 117.6
141 34.9 28.2 42.4



#45
2-Fluorobiphenyl
Concen: 69.180 ng
RT: 13.192 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

Tgt Ion:172 Resp: 3528519
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.3 18.6 27.8





#48

2-Nitroaniline

Concen: 4.796 ng

RT: 13.645 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043906.D

Acq: 25 Jan 2024 16:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

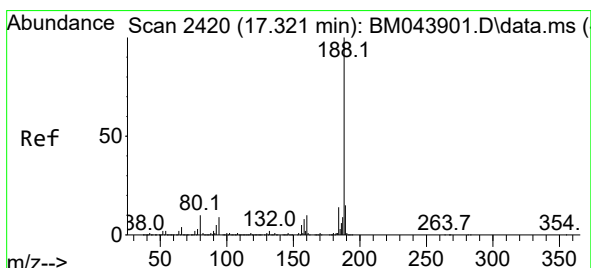
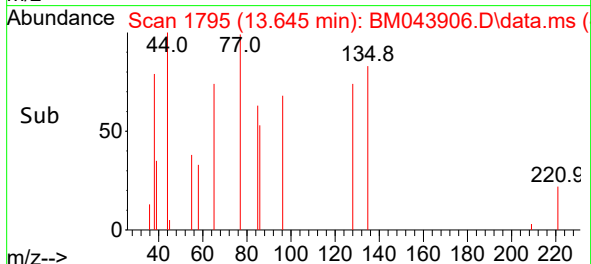
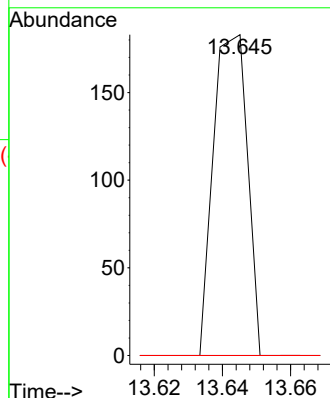
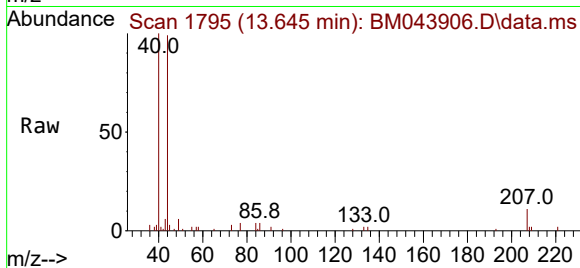
Tgt Ion: 65 Resp: 127

Ion Ratio Lower Upper

65 100

92 0.0 51.2 76.8#

138 0.0 79.6 119.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BM043906.D

Acq: 25 Jan 2024 16:42

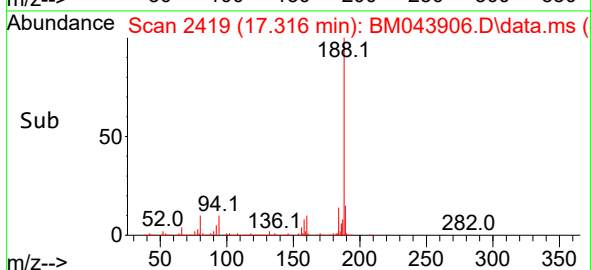
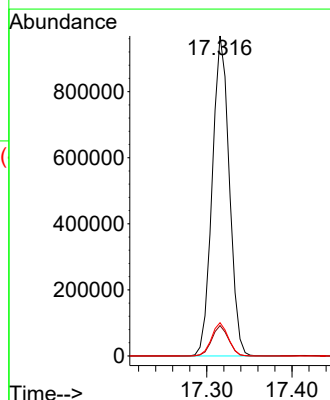
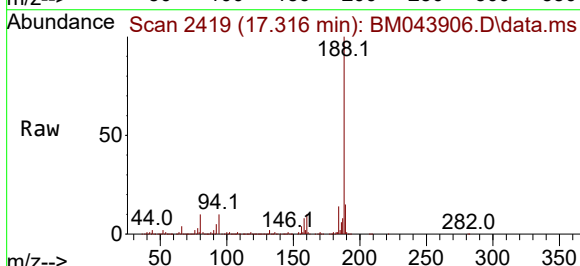
Tgt Ion:188 Resp: 1347952

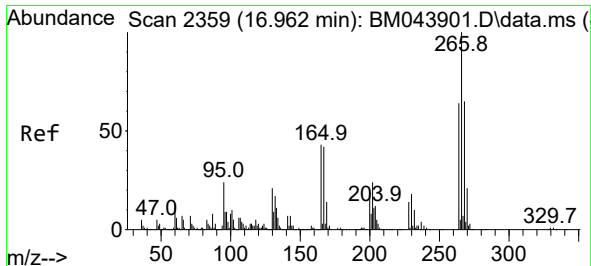
Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.4 7.8 11.8

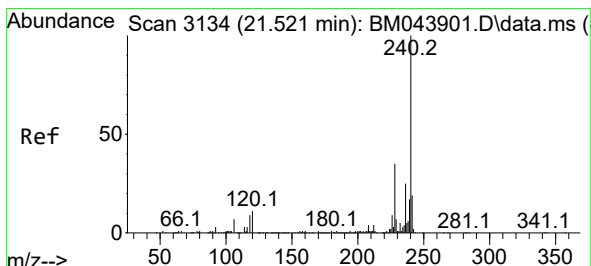
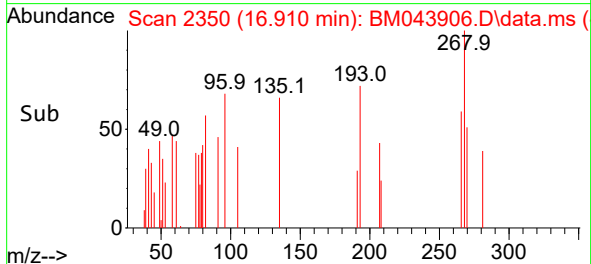
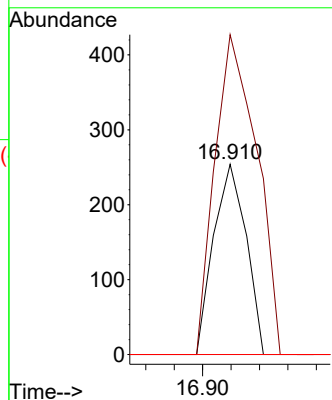
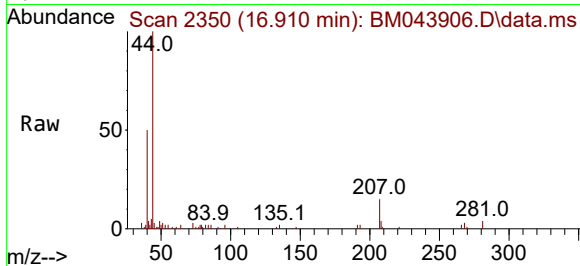




#70
 Pentachlorophenol
 Concen: 6.405 ng
 RT: 16.910 min Scan# 21
 Delta R.T. -0.052 min
 Lab File: BM043906.D
 Acq: 25 Jan 2024 16:42

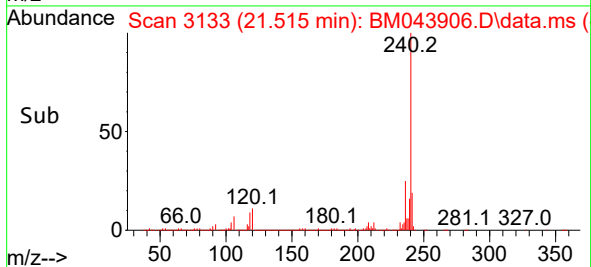
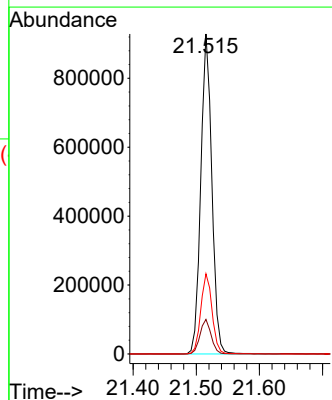
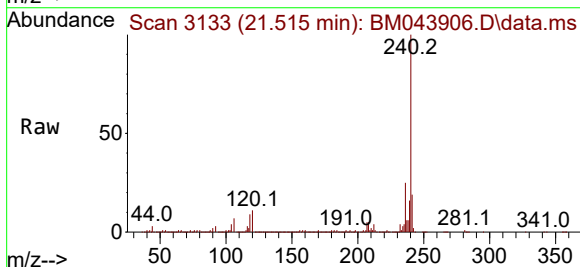
Instrument :
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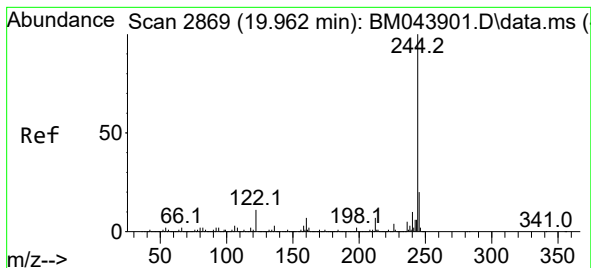
Tgt Ion:266 Resp: 201
 Ion Ratio Lower Upper
 266 100
 268 168.1 52.2 78.2#
 264 0.0 51.6 77.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.515 min Scan# 3133
 Delta R.T. -0.006 min
 Lab File: BM043906.D
 Acq: 25 Jan 2024 16:42

Tgt Ion:240 Resp: 1132668
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.6 12.8
 236 25.1 20.2 30.2





#79

Terphenyl-d14

Concen: 79.091 ng

RT: 19.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM043906.D

Acq: 25 Jan 2024 16:42

Instrument :

BNA_M

ClientSampleId :

PB158578BL

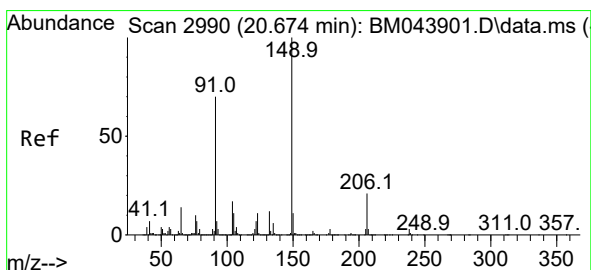
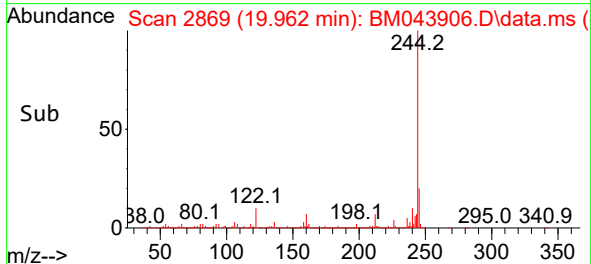
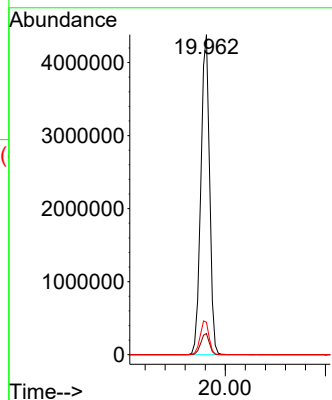
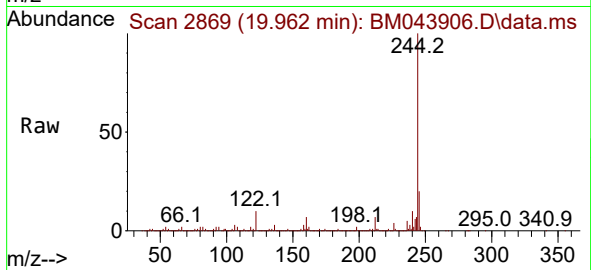
Tgt Ion:244 Resp: 5250910

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.1 8.4 12.6



#80

Butylbenzylphthalate

Concen: 5.231 ng

RT: 20.692 min Scan# 2993

Delta R.T. 0.018 min

Lab File: BM043906.D

Acq: 25 Jan 2024 16:42

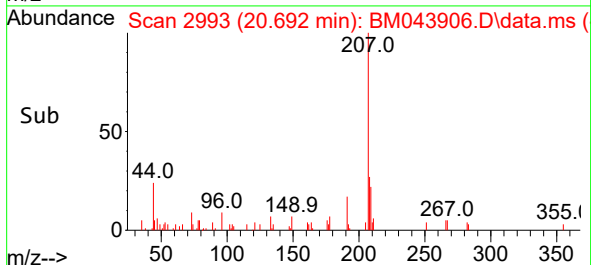
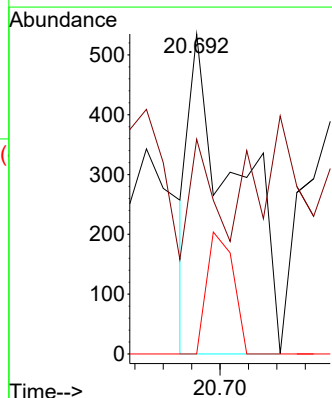
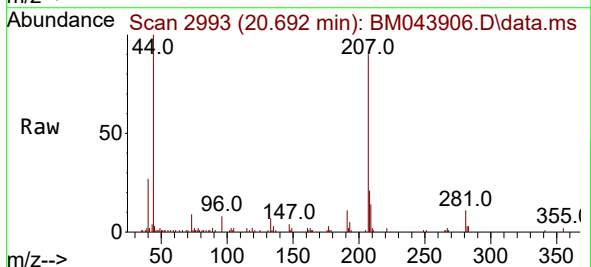
Tgt Ion:149 Resp: 612

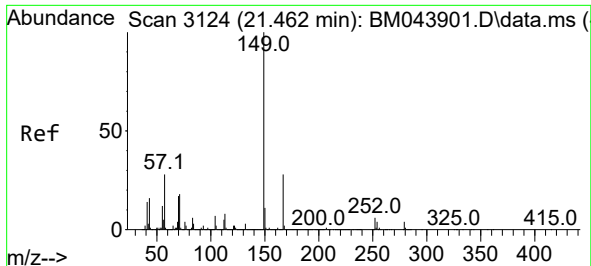
Ion Ratio Lower Upper

149 100

91 67.1 55.6 83.4

206 0.0 17.0 25.4#

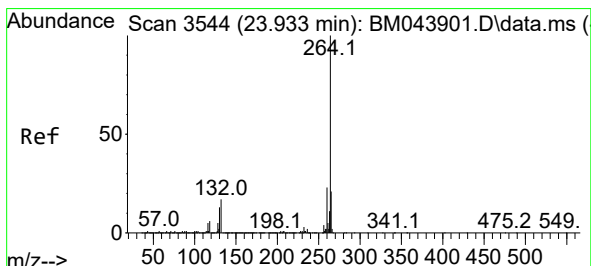
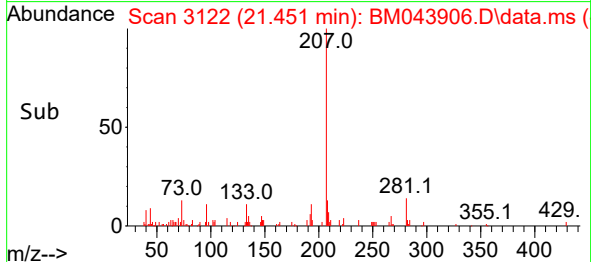
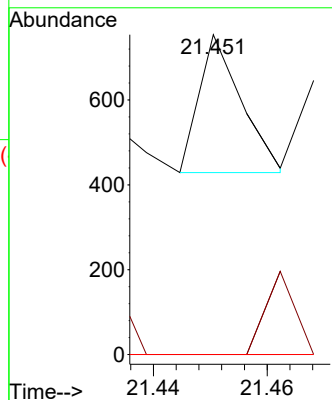
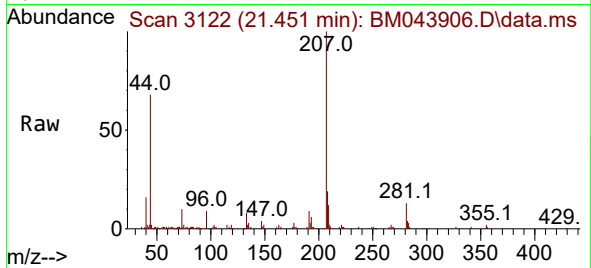




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.824 ng
RT: 21.451 min Scan# 3122
Delta R.T. -0.011 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

Instrument :
BNA_M
ClientSampleId :
PB158578BL

Tgt Ion:149 Resp: 167
Ion Ratio Lower Upper
149 100
167 0.0 22.6 33.8#
279 0.0 3.4 5.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3543
Delta R.T. -0.006 min
Lab File: BM043906.D
Acq: 25 Jan 2024 16:42

Tgt Ion:264 Resp: 1261851
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.7 17.3 25.9

