

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
 Data File : BM042698.D
 Acq On : 10 Nov 2023 19:10
 Operator : MA/JU
 Sample : 05252-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 10 23:04:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

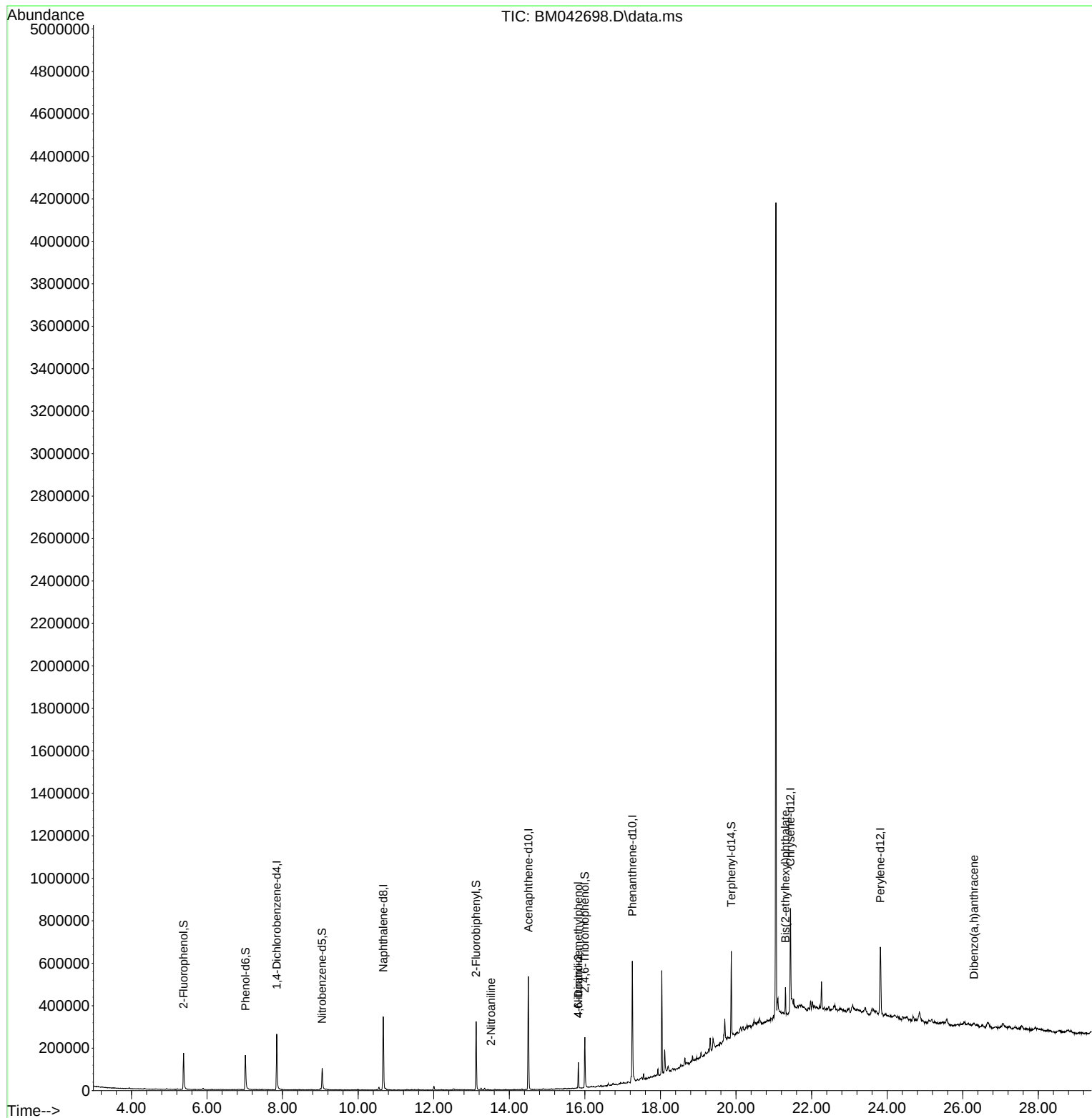
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	62722	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	245261	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	160144	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	307838	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	232800	20.000	ng	0.00
86) Perylene-d12	23.821	264	261247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	67095	17.264	ng	0.00
7) Phenol-d6	7.016	99	86544	16.237	ng	0.00
23) Nitrobenzene-d5	9.045	82	63759	12.119	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	38753	18.535	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	149455	12.558	ng	0.00
79) Terphenyl-d14	19.874	244	175307	12.769	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.516	65	53	4.364	ng	# 13
62) 4-Nitroaniline	15.827	138	333	5.858	ng	# 61
65) 4,6-Dinitro-2-methylph...	15.827	198	939	6.251	ng	# 18
84) Bis(2-ethylhexyl)phtha...	21.309	149	38787	3.759	ng	99
91) Dibenzo(a,h)anthracene	26.297	278	898	4.195	ng	# 34

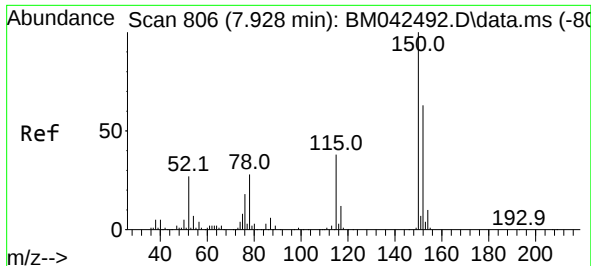
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042698.D
Acq On : 10 Nov 2023 19:10
Operator : MA/JU
Sample : 05252-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 10 23:04:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

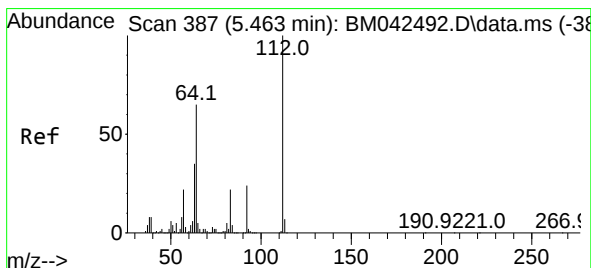
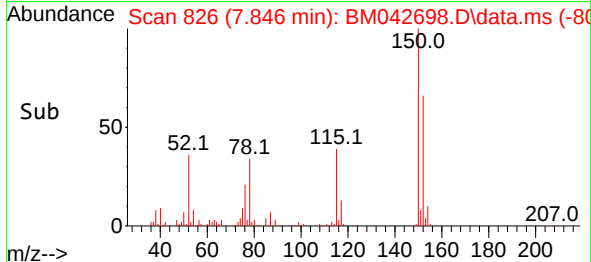
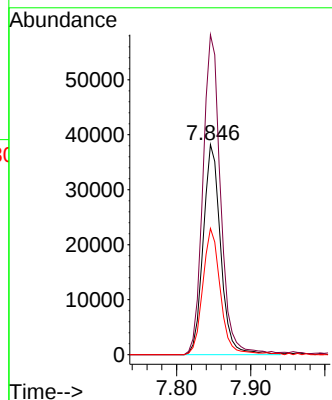
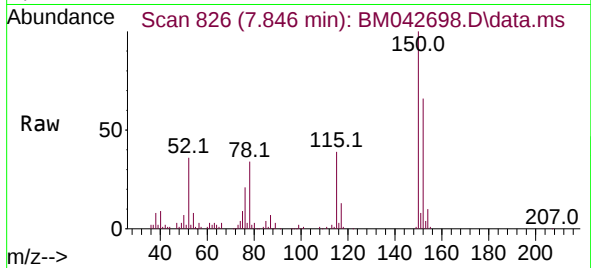




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. 0.001 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

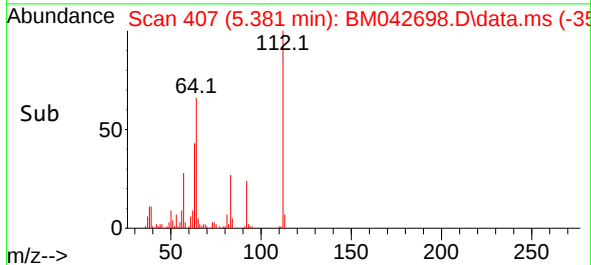
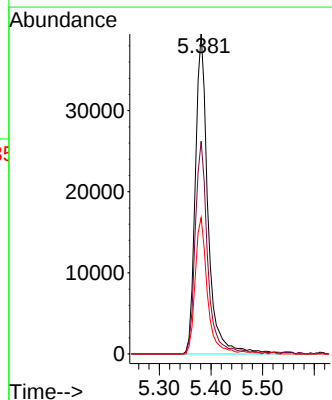
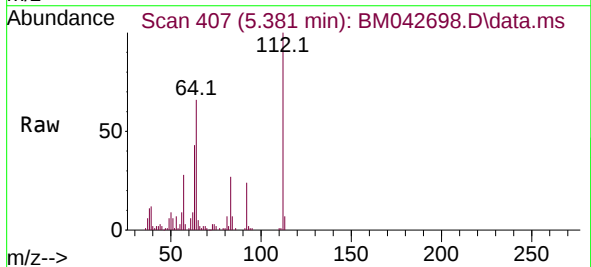
Instrument :
BNA_M
ClientSampleId :

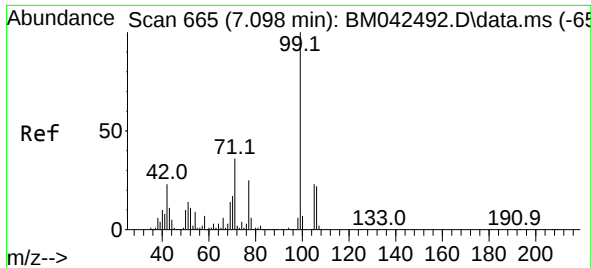
Tgt Ion:152 Resp: 62722
Ion Ratio Lower Upper
152 100
150 152.4 127.4 191.0
115 60.1 47.9 71.9



#5
2-Fluorophenol
Concen: 17.264 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

Tgt Ion:112 Resp: 67095
Ion Ratio Lower Upper
112 100
64 66.5 52.1 78.1
63 42.6 28.3 42.5#

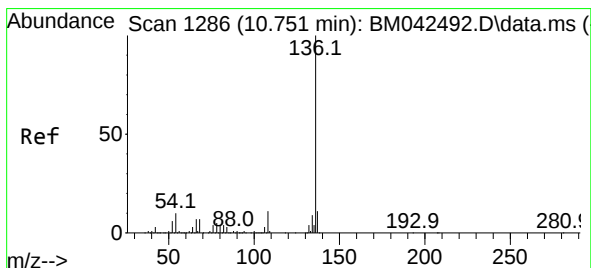
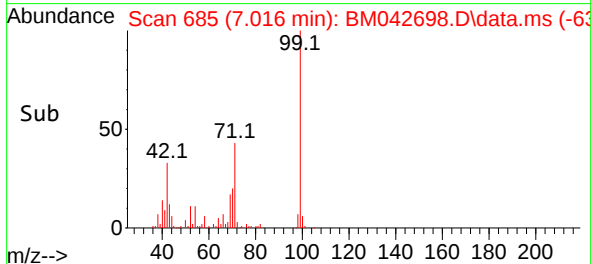
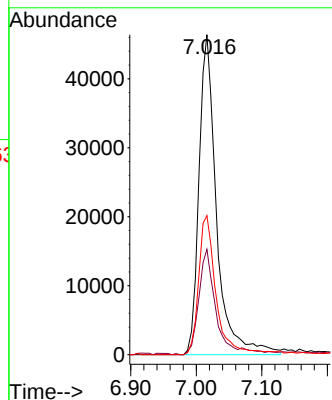
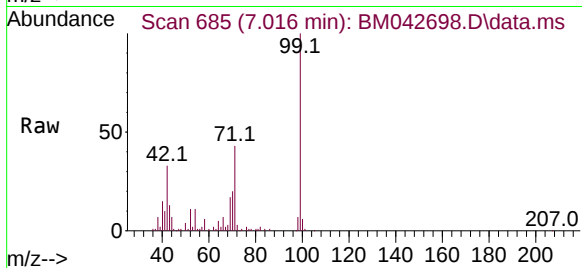




#7
Phenol-d6
Concen: 16.237 ng
RT: 7.016 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

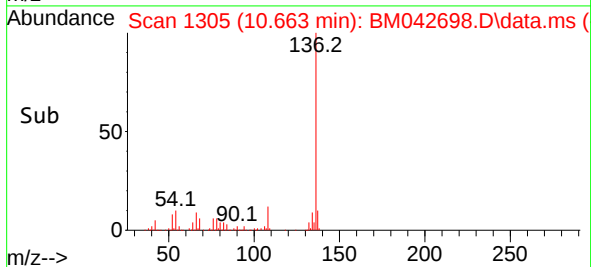
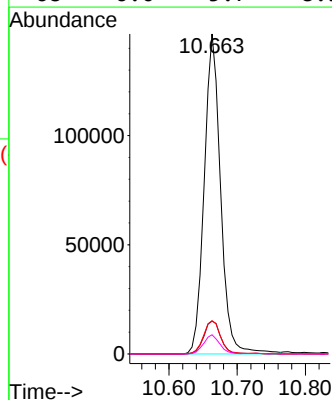
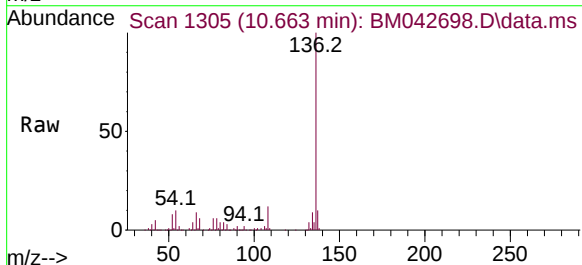
Instrument :
BNA_M
ClientSampleId :

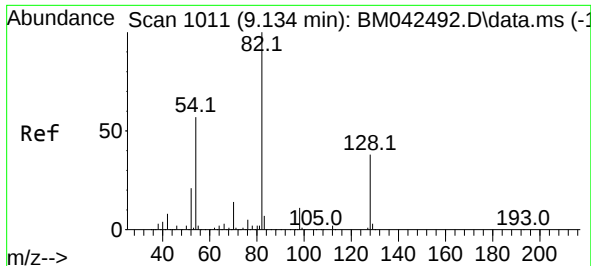
Tgt Ion: 99 Resp: 86544
Ion Ratio Lower Upper
99 100
42 32.9 18.7 28.1#
71 43.4 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

Tgt Ion:136 Resp: 245261
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.6
54 10.4 8.0 12.0
68 6.0 5.7 8.5

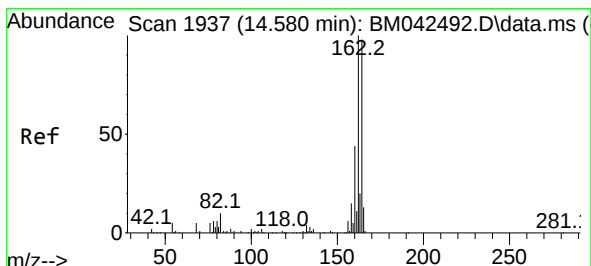
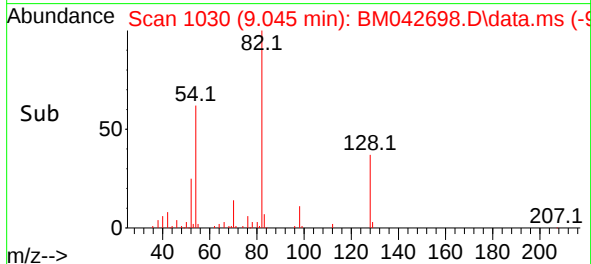
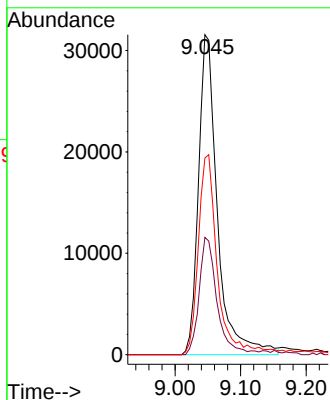
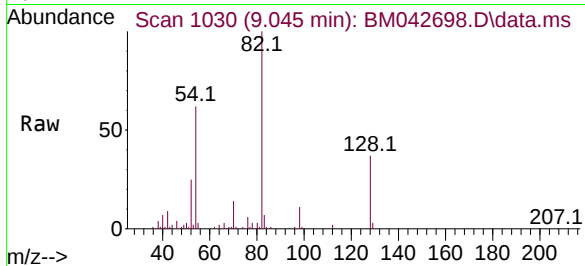




#23
Nitrobenzene-d5
Concen: 12.119 ng
RT: 9.045 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

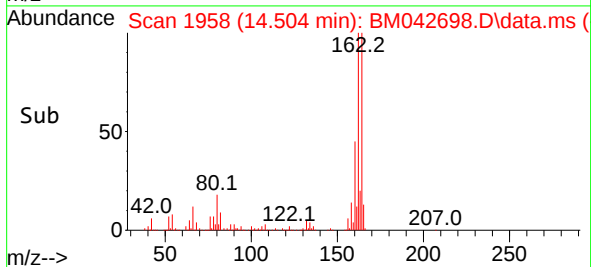
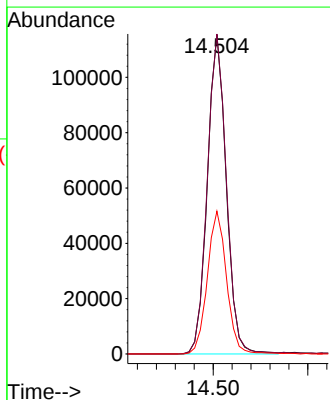
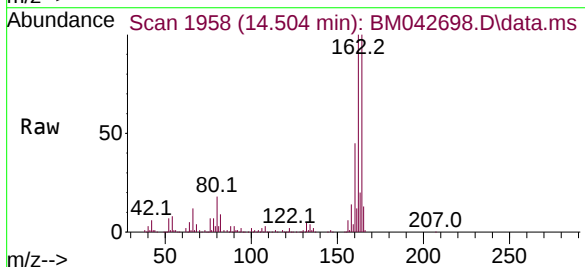
Instrument :
BNA_M
ClientSampleId :

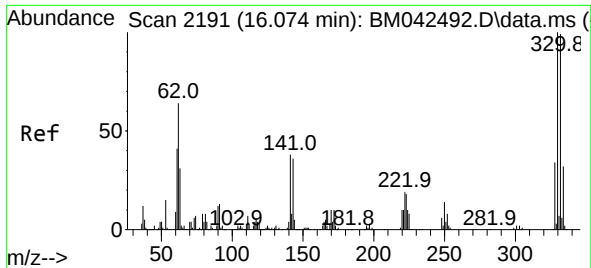
Tgt Ion: 82 Resp: 63759
Ion Ratio Lower Upper
82 100
128 36.7 30.7 46.1
54 61.5 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

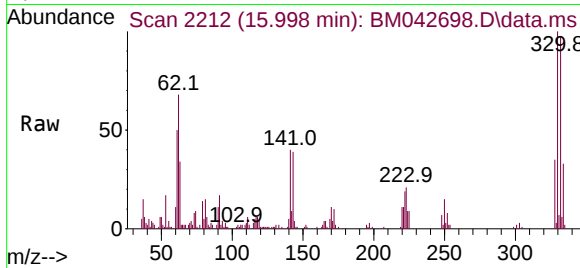
Tgt Ion:164 Resp: 160144
Ion Ratio Lower Upper
164 100
162 100.3 81.6 122.4
160 44.7 36.2 54.4



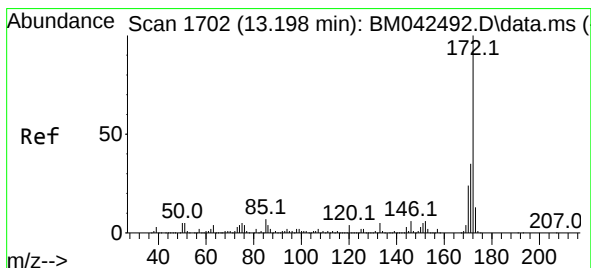
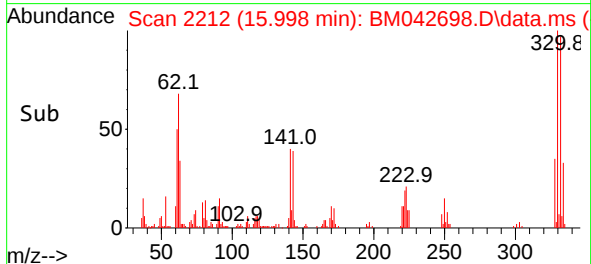
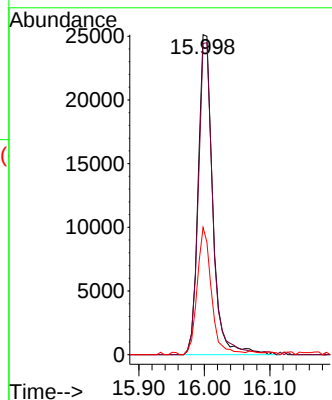


#42
2,4,6-Tribromophenol
Concen: 18.535 ng
RT: 15.998 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

Instrument :
BNA_M
ClientSampleId :

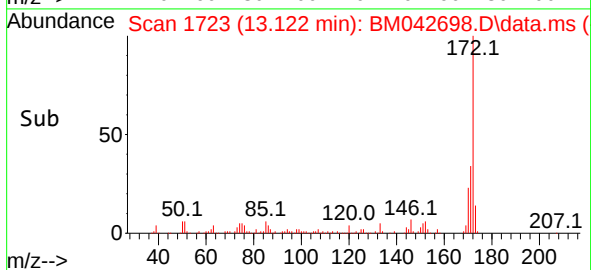
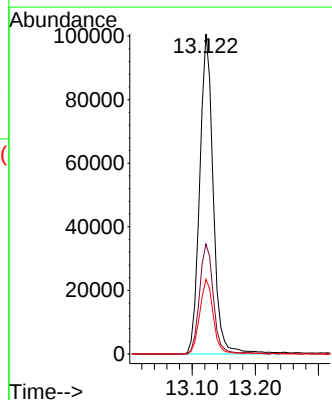
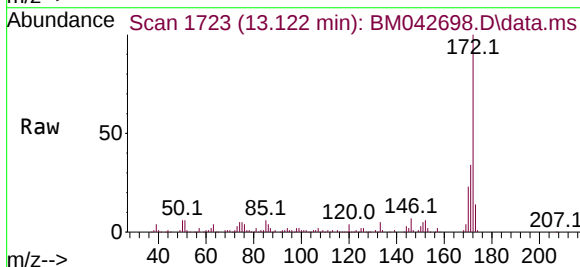


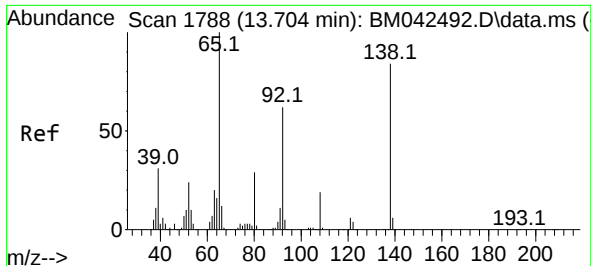
Tgt Ion:330 Resp: 38753
Ion Ratio Lower Upper
330 100
332 97.0 78.8 118.2
141 39.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 12.558 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

Tgt Ion:172 Resp: 149455
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.3 19.0 28.4

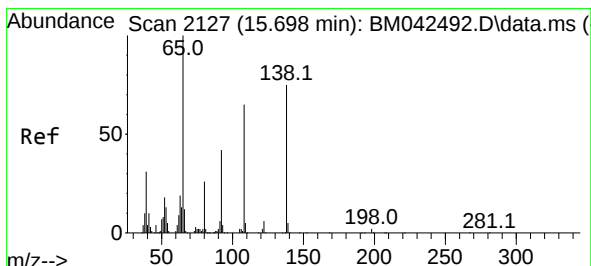
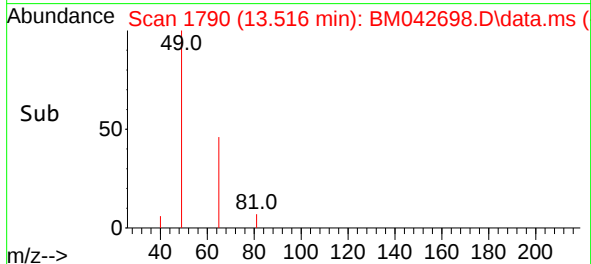
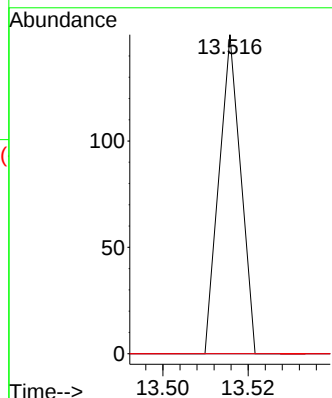
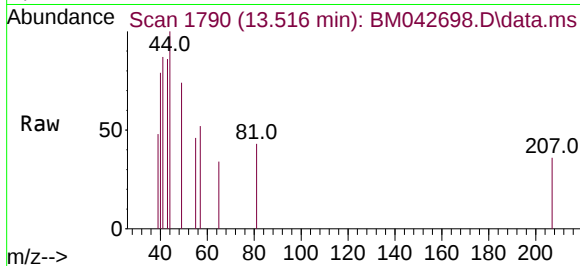




#48
2-Nitroaniline
Concen: 4.364 ng
RT: 13.516 min Scan# 11
Delta R.T. -0.117 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

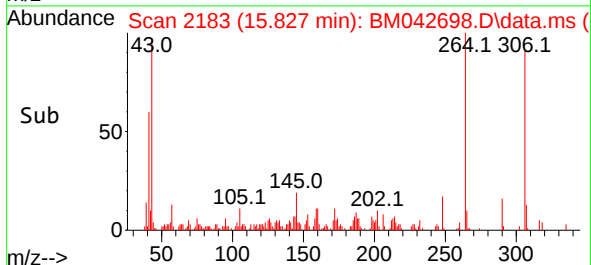
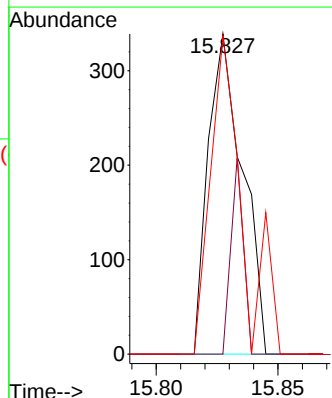
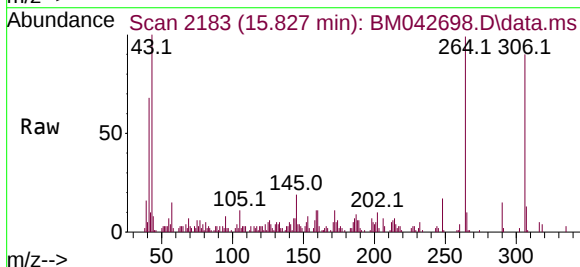
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ClientSampleId :

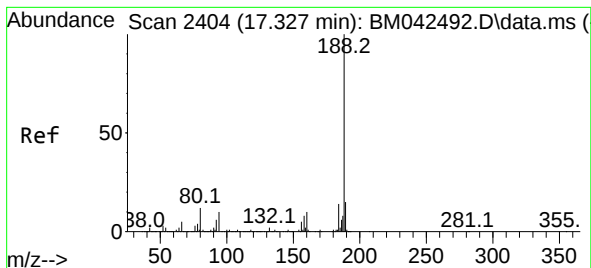
Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 0.0 49.4 74.2#
138 0.0 66.9 100.3#



#62
4-Nitroaniline
Concen: 5.858 ng
RT: 15.827 min Scan# 2183
Delta R.T. 0.200 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

Tgt Ion:138 Resp: 333
Ion Ratio Lower Upper
138 100
92 0.0 37.0 77.0#
108 99.4 67.2 107.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BM042698.D

Acq: 10 Nov 2023 19:10

Instrument :

BNA_M

ClientSampleId :

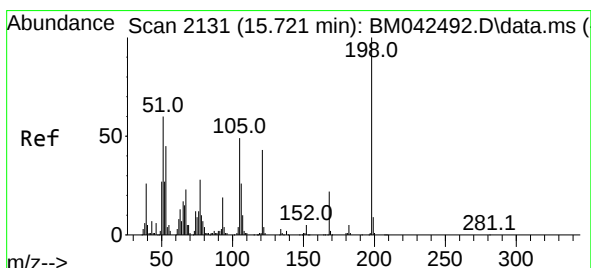
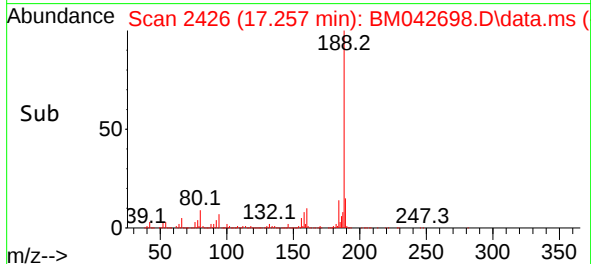
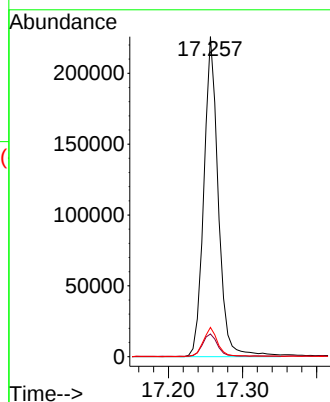
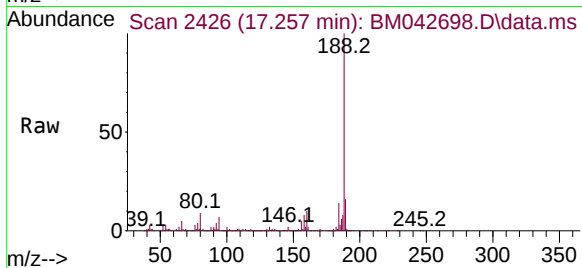
Tgt Ion:188 Resp: 307838

Ion Ratio Lower Upper

188 100

94 7.1 8.2 12.4#

80 9.2 9.4 14.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 6.251 ng

RT: 15.827 min Scan# 2183

Delta R.T. 0.171 min

Lab File: BM042698.D

Acq: 10 Nov 2023 19:10

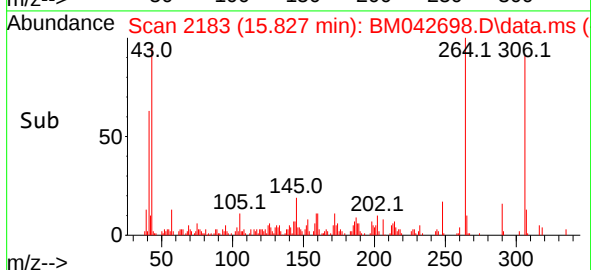
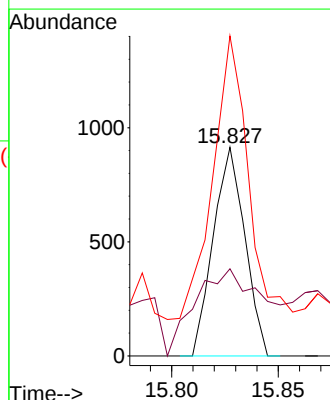
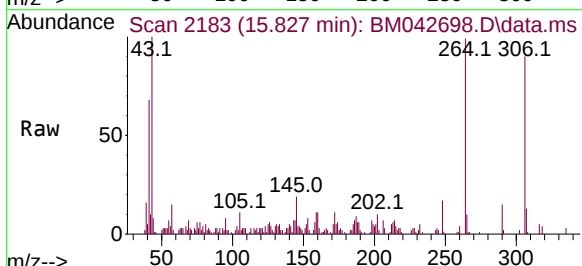
Tgt Ion:198 Resp: 939

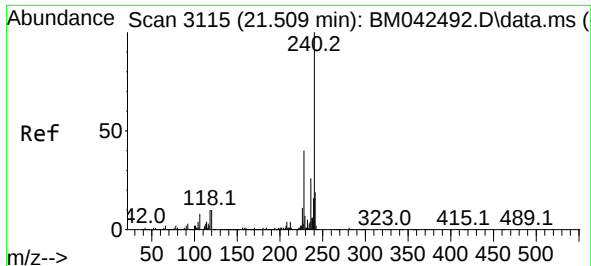
Ion Ratio Lower Upper

198 100

51 41.8 42.4 82.4#

105 153.4 29.2 69.2#

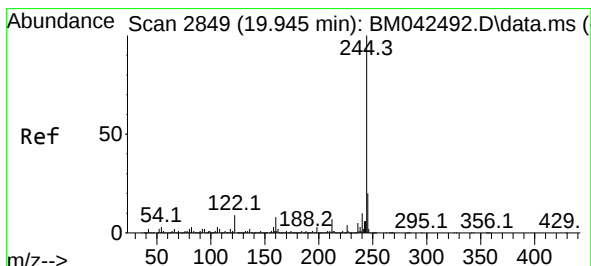
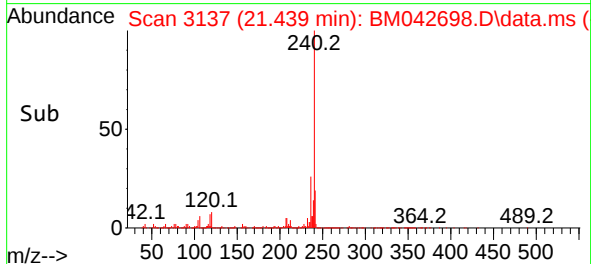
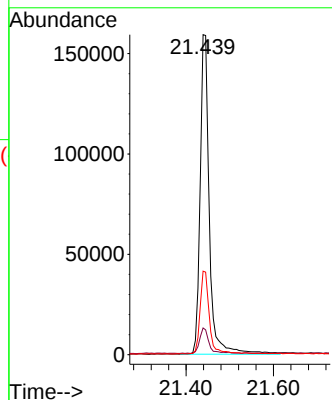
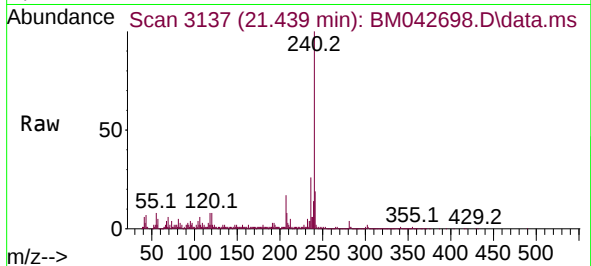




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

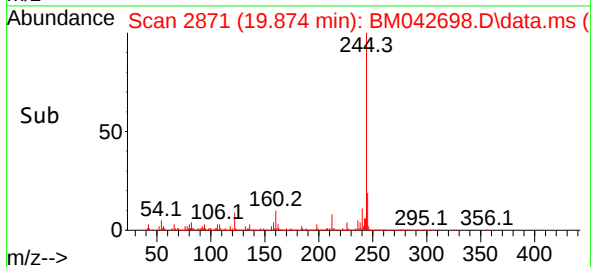
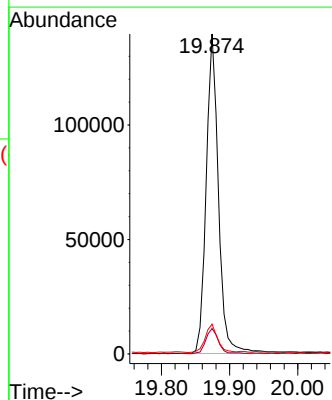
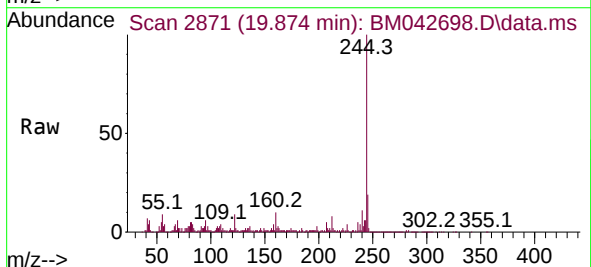
Instrument :
BNA_M
ClientSampleId :

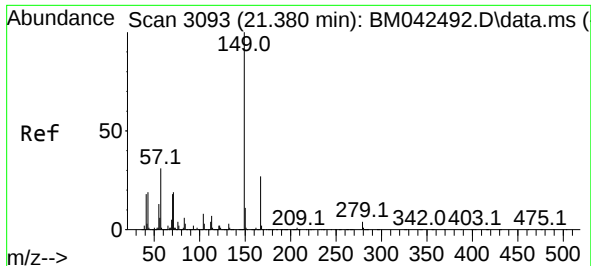
Tgt Ion:240 Resp: 232800
Ion Ratio Lower Upper
240 100
120 8.4 8.3 12.5
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 12.769 ng
RT: 19.874 min Scan# 2871
Delta R.T. 0.000 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

Tgt Ion:244 Resp: 175307
Ion Ratio Lower Upper
244 100
212 8.0 5.4 8.2
122 9.3 7.2 10.8

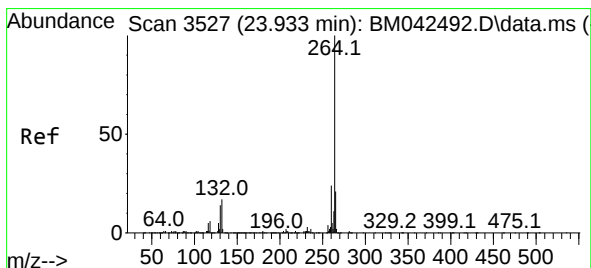
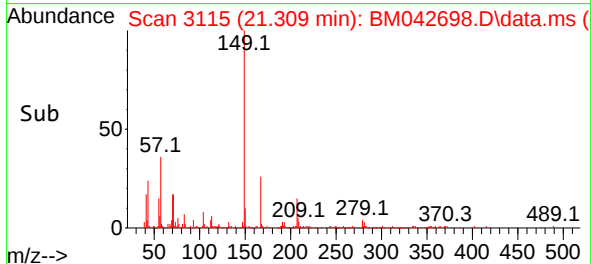
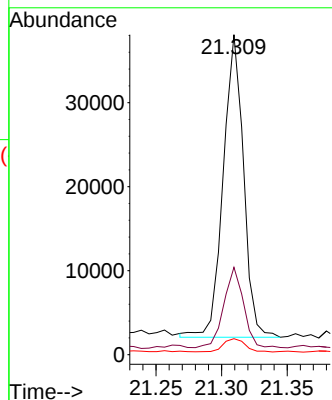
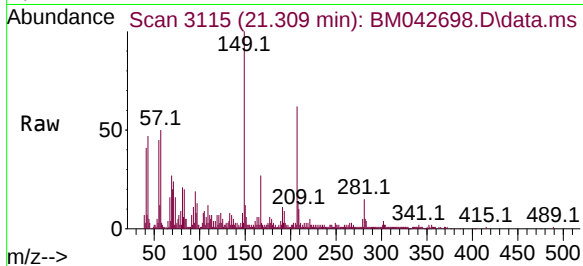




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.759 ng
RT: 21.309 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

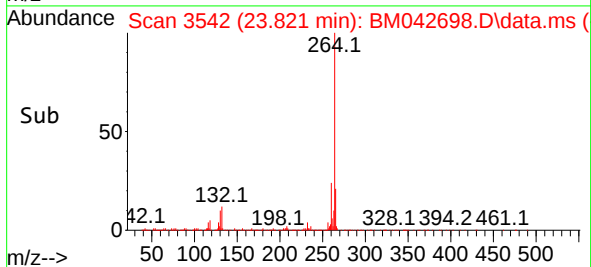
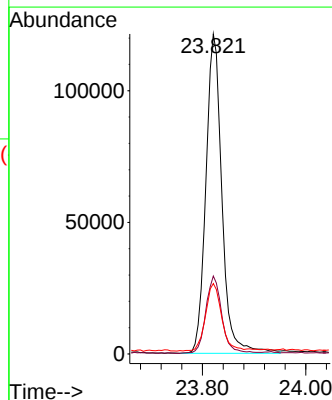
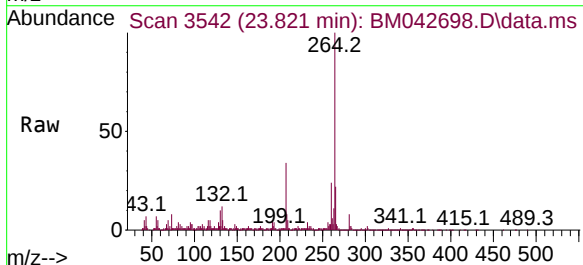
Instrument :
BNA_M
ClientSampleId :

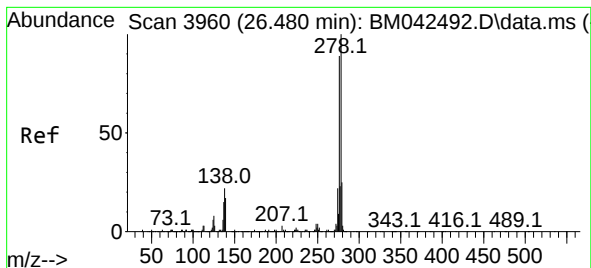
Tgt Ion:149 Resp: 38787
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.0
279 5.0 3.4 5.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 3542
Delta R.T. 0.006 min
Lab File: BM042698.D
Acq: 10 Nov 2023 19:10

Tgt Ion:264 Resp: 261247
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 22.0 18.7 28.1





#91

Dibenzo(a,h)anthracene

Concen: 4.195 ng

RT: 26.297 min Scan# 3963

Delta R.T. -0.017 min

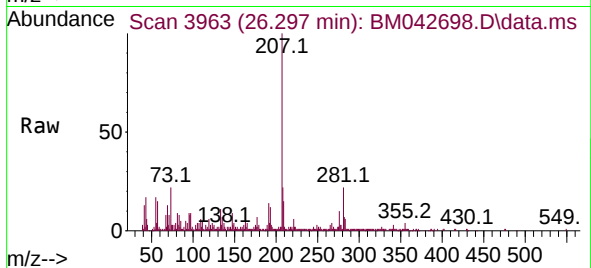
Lab File: BM042698.D

Acq: 10 Nov 2023 19:10

Instrument :

BNA_M

ClientSampleId :



Tgt Ion: 278 Resp: 898

Ion Ratio Lower Upper

278 100

139 54.6 13.4 20.2#

279 50.0 19.7 29.5#

