

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
 Data File : BM042690.D
 Acq On : 10 Nov 2023 14:22
 Operator : MA/JU
 Sample : 05311-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 10 15:20:19 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)

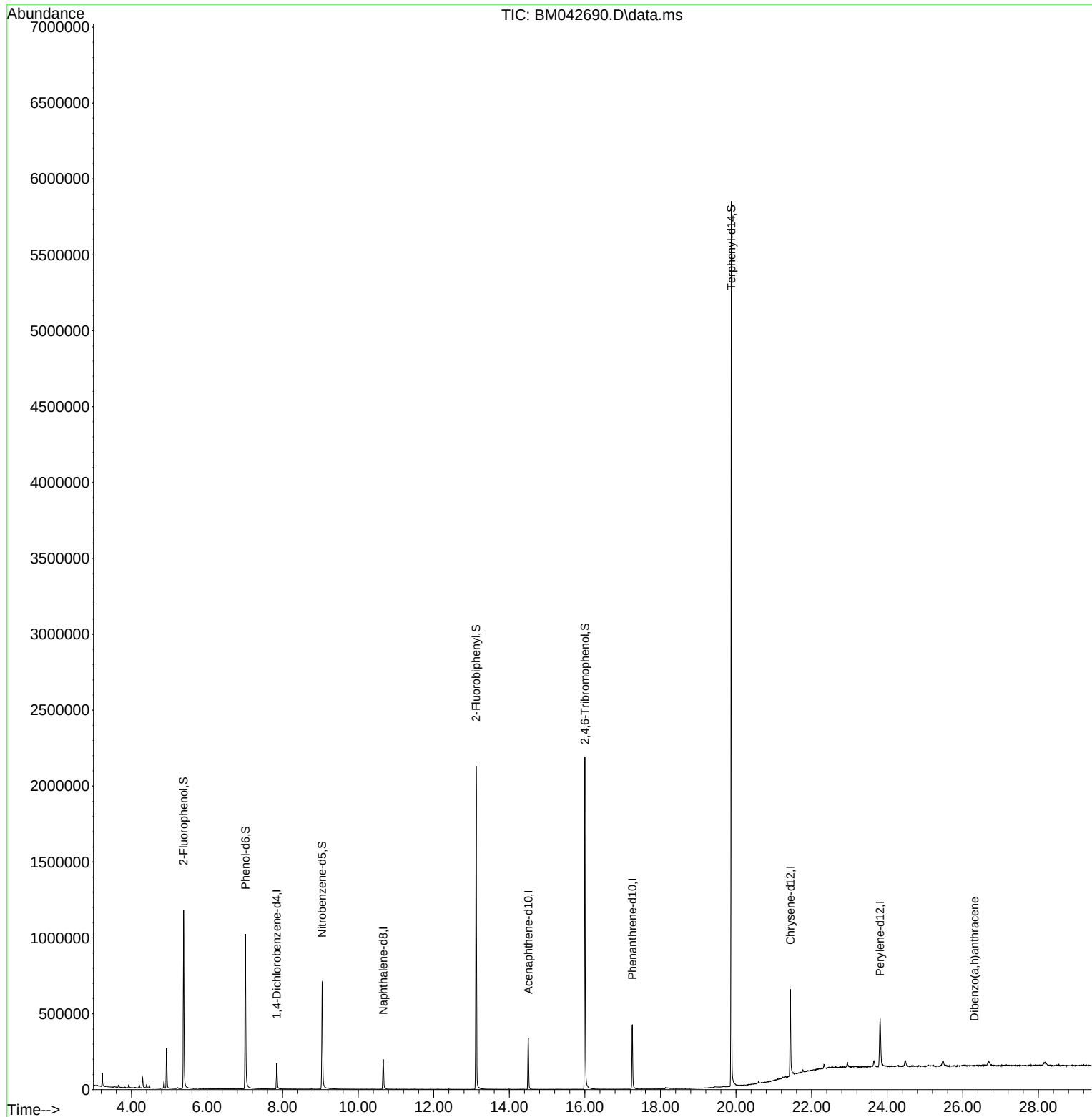
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	39612	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	151012	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	107816	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	261051	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	283185	20.000	ng	# 0.00
86) Perylene-d12	23.809	264	273551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	385390	157.016	ng	0.00
7) Phenol-d6	7.016	99	470944	139.904	ng	0.00
23) Nitrobenzene-d5	9.045	82	402408	124.221	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	340045	241.573	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	947971	118.312	ng	0.00
79) Terphenyl-d14	19.874	244	2347692	140.571	ng	0.00
Target Compounds						
91) Dibenzo(a,h)anthracene	26.309	278	133	4.146	ng	# 55

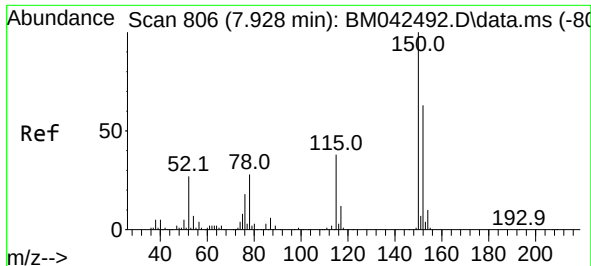
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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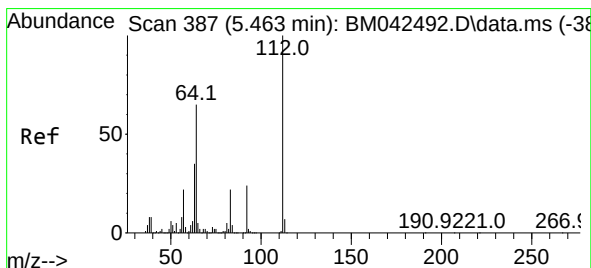
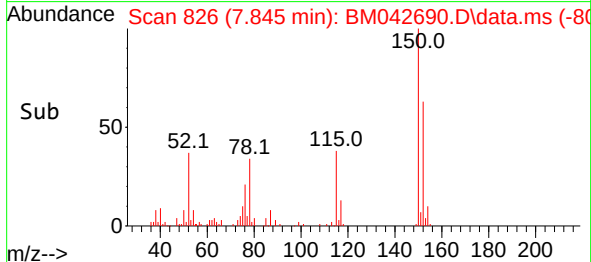
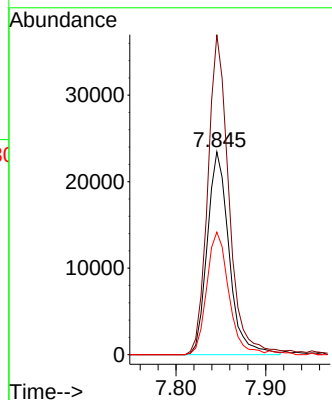
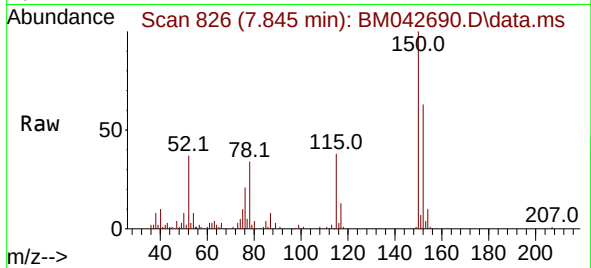




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042690.D
Acq: 10 Nov 2023 14:22

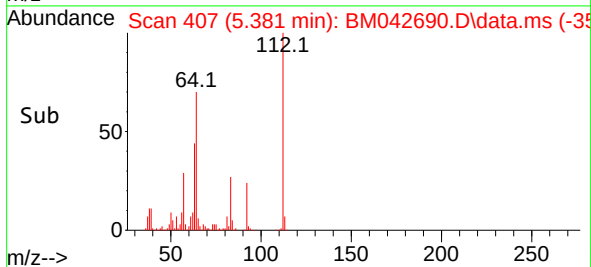
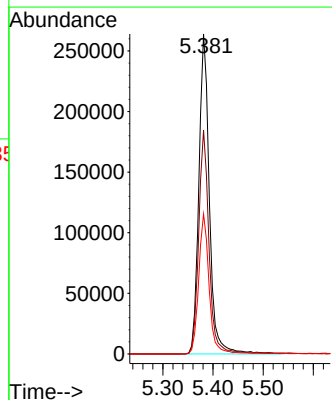
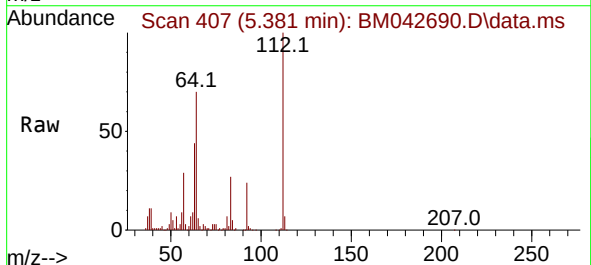
Instrument :
BNA_M
ClientSampleId :

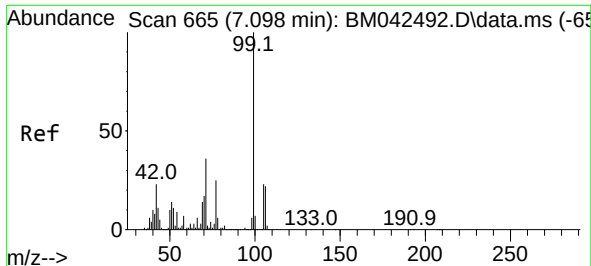
Tgt Ion:152 Resp: 39612
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 60.4 47.9 71.9



#5
2-Fluorophenol
Concen: 157.016 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042690.D
Acq: 10 Nov 2023 14:22

Tgt Ion:112 Resp: 385390
Ion Ratio Lower Upper
112 100
64 69.9 52.1 78.1
63 43.8 28.3 42.5#

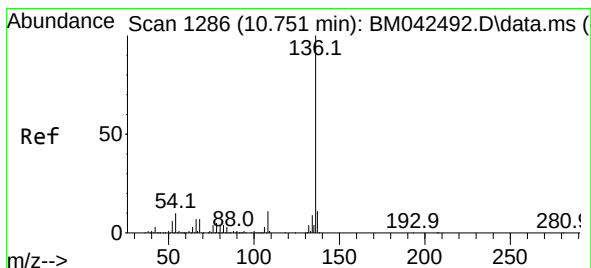
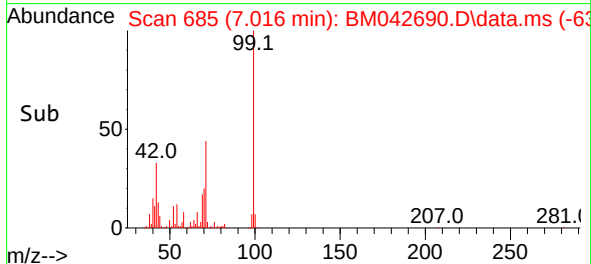
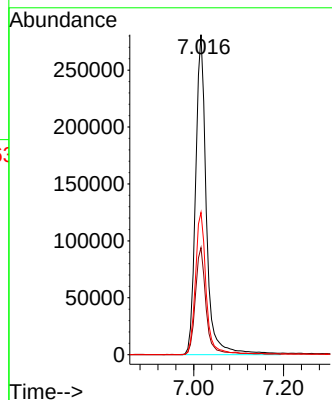
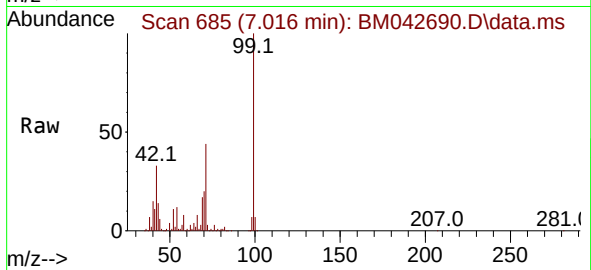




#7
Phenol-d6
Concen: 139.904 ng
RT: 7.016 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042690.D
Acq: 10 Nov 2023 14:22

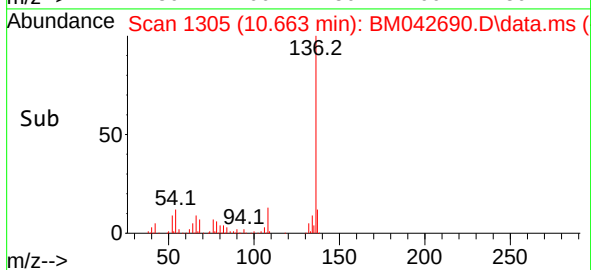
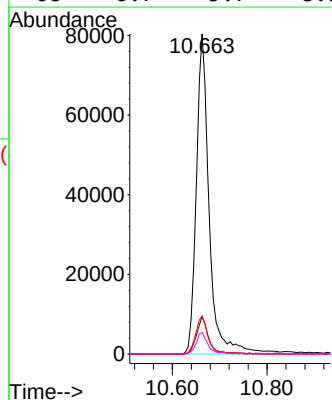
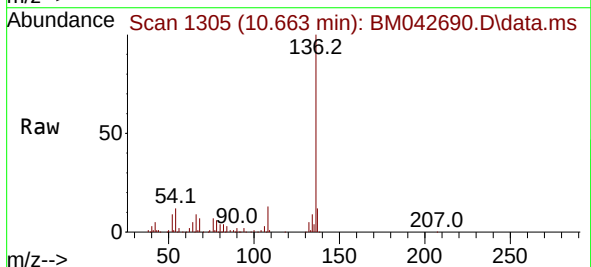
Instrument :
BNA_M
ClientSampleId :

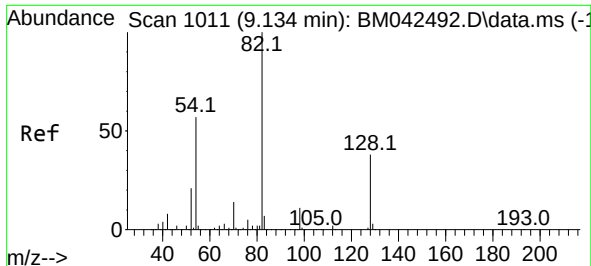
Tgt Ion: 99 Resp: 470944
Ion Ratio Lower Upper
99 100
42 33.4 18.7 28.1#
71 44.4 29.1 43.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM042690.D
Acq: 10 Nov 2023 14:22

Tgt Ion: 136 Resp: 151012
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 11.7 8.0 12.0
68 6.7 5.7 8.5

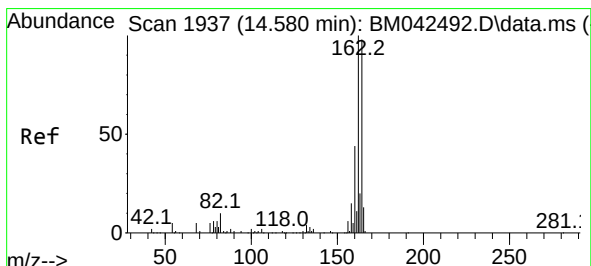
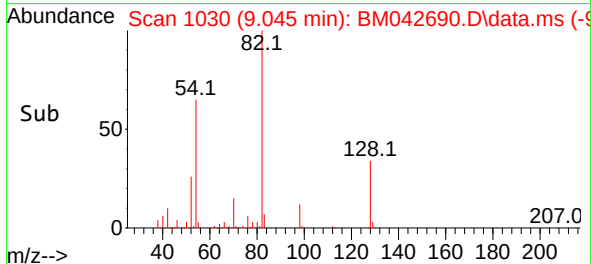
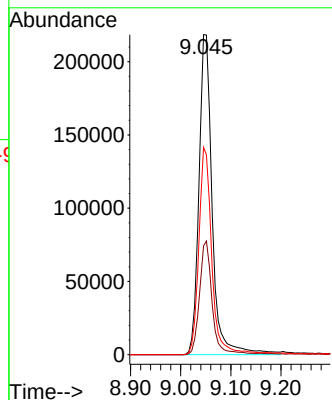
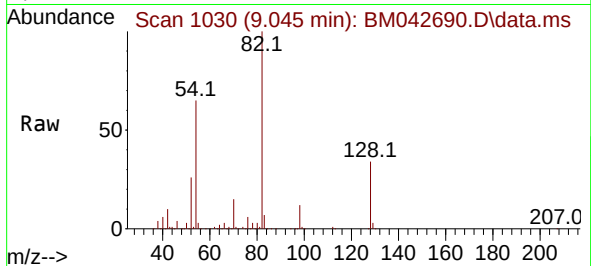




#23
Nitrobenzene-d5
Concen: 124.221 ng
RT: 9.045 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM042690.D
Acq: 10 Nov 2023 14:22

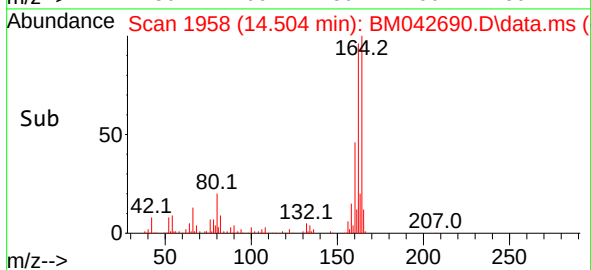
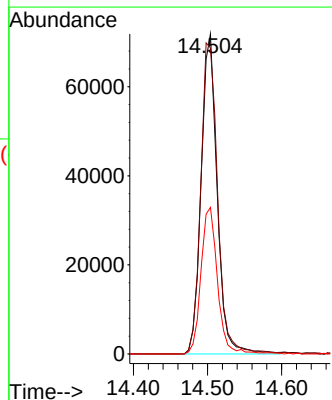
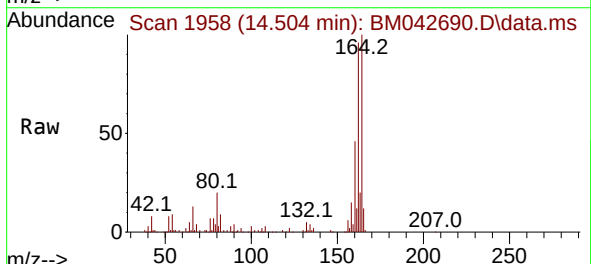
Instrument :
BNA_M
ClientSampleId :

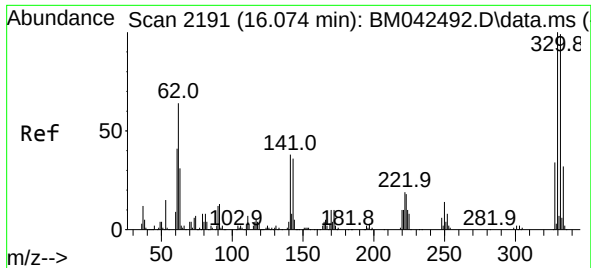
Tgt Ion: 82 Resp: 402408
Ion Ratio Lower Upper
82 100
128 34.0 30.7 46.1
54 64.8 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM042690.D
Acq: 10 Nov 2023 14:22

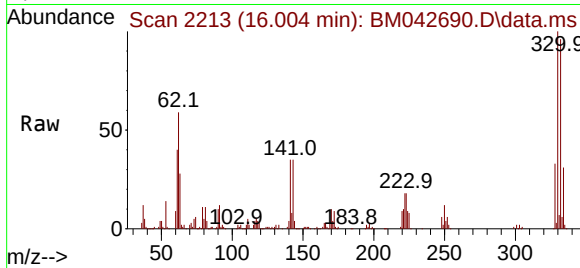
Tgt Ion:164 Resp: 107816
Ion Ratio Lower Upper
164 100
162 95.7 81.6 122.4
160 45.8 36.2 54.4



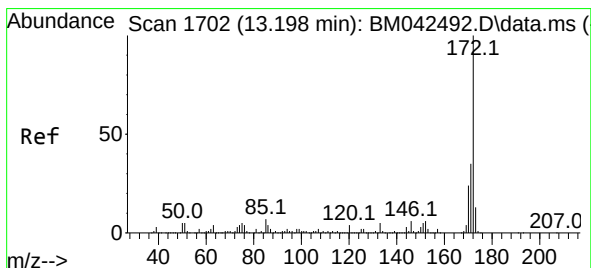
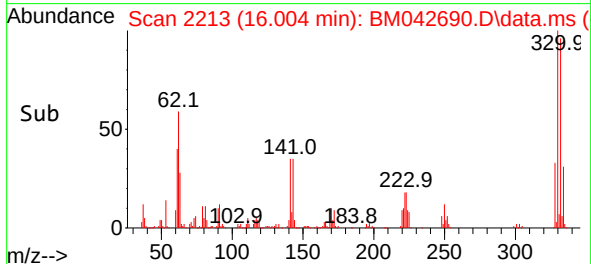
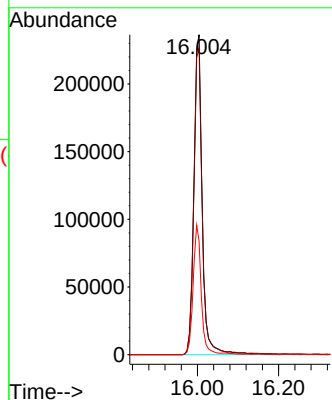


#42
2,4,6-Tribromophenol
Concen: 241.573 ng
RT: 16.004 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BM042690.D
Acq: 10 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :

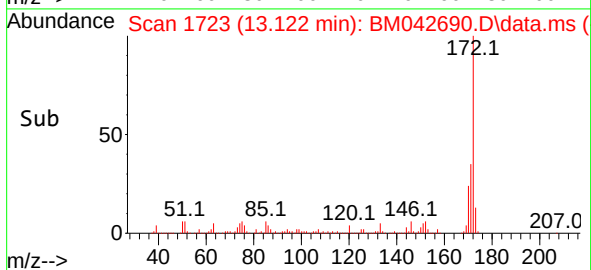
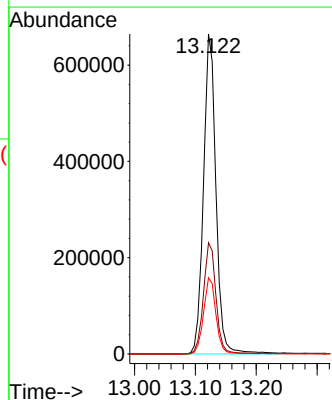
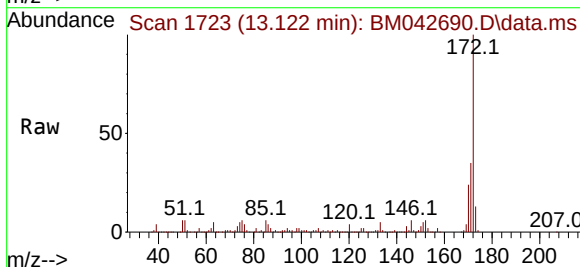


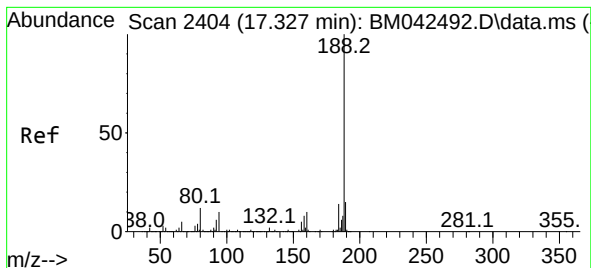
Tgt Ion:330 Resp: 340045
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 39.6 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 118.312 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM042690.D
Acq: 10 Nov 2023 14:22

Tgt Ion:172 Resp: 947971
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM042690.D

Acq: 10 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

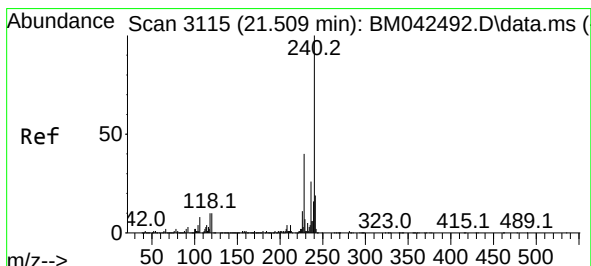
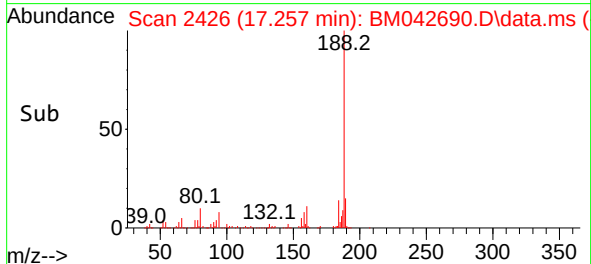
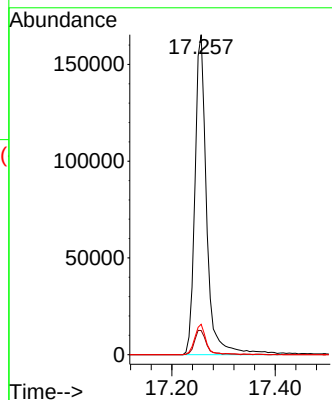
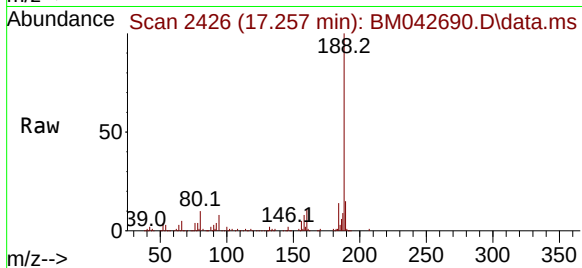
Tgt Ion:188 Resp: 261051

Ion Ratio Lower Upper

188 100

94 7.5 8.2 12.4#

80 9.5 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM042690.D

Acq: 10 Nov 2023 14:22

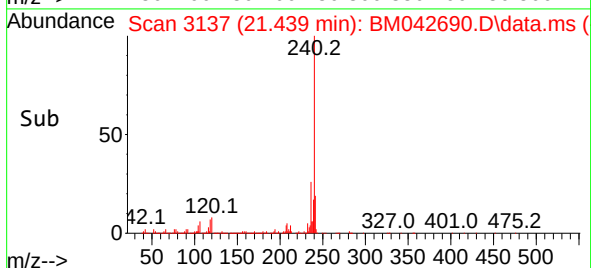
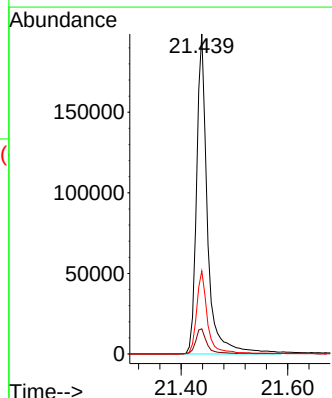
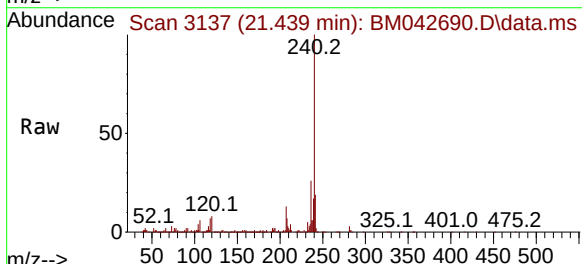
Tgt Ion:240 Resp: 283185

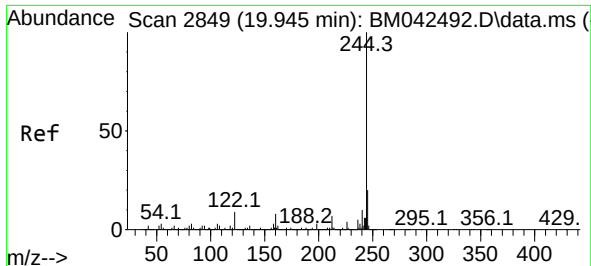
Ion Ratio Lower Upper

240 100

120 7.9 8.3 12.5#

236 25.9 20.8 31.2

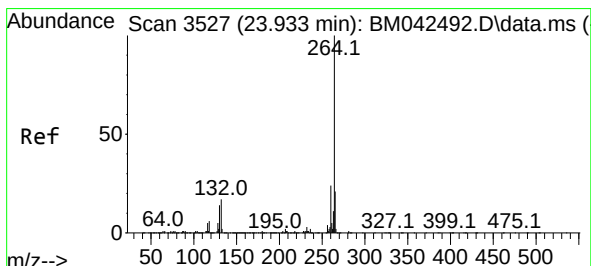
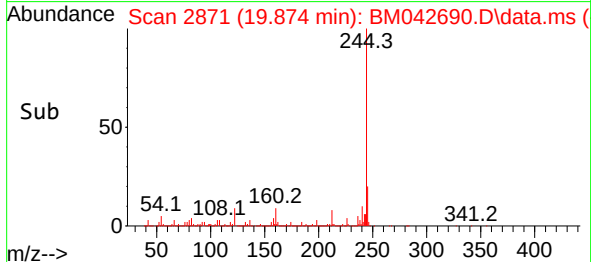
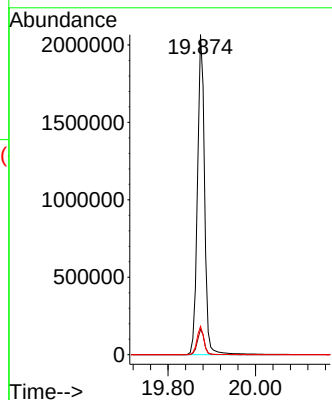
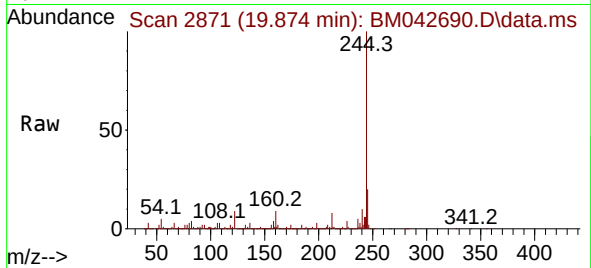




#79
 Terphenyl-d14
 Concen: 140.571 ng
 RT: 19.874 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042690.D
 Acq: 10 Nov 2023 14:22

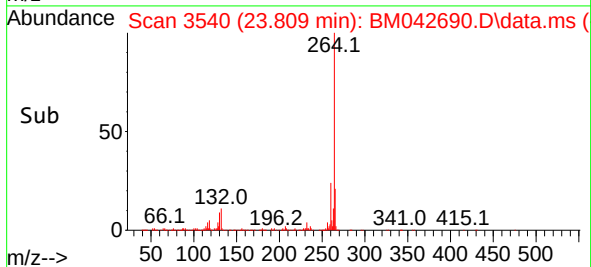
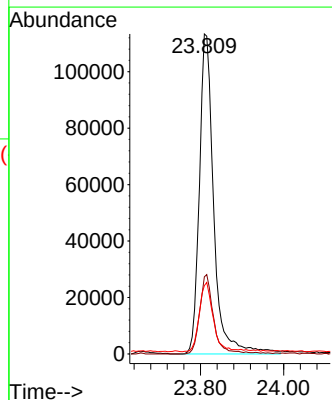
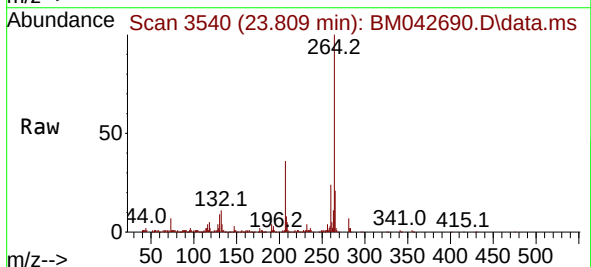
Instrument :
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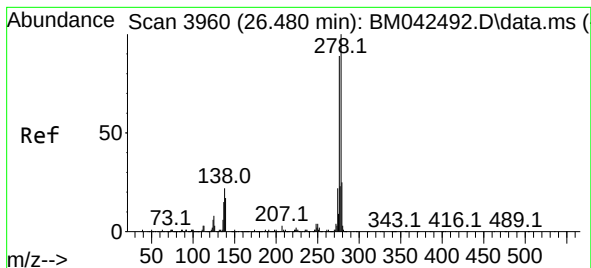
Tgt Ion:244 Resp: 2347692
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 8.9 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.809 min Scan# 3540
 Delta R.T. -0.006 min
 Lab File: BM042690.D
 Acq: 10 Nov 2023 14:22

Tgt Ion:264 Resp: 273551
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.3 18.7 28.1





#91

Dibenzo(a,h)anthracene

Concen: 4.146 ng

RT: 26.309 min Scan# 3965

Delta R.T. -0.006 min

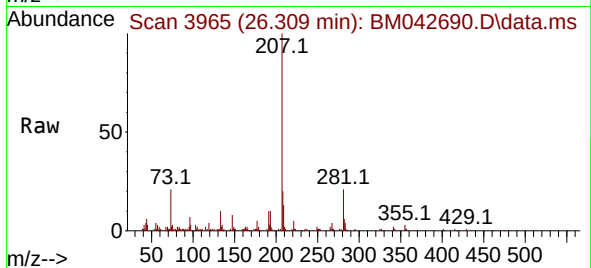
Lab File: BM042690.D

Acq: 10 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:278 Resp: 133

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.2#

279 0.0 19.7 29.5#

