

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046696.D
Acq On : 18 Jul 2024 09:49
Operator : MA/JU
Sample : P3258-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-S-02-202407

Quant Time: Jul 18 10:50:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 18 06:01:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.487	152	82329	20.000	ng	0.00
21) Naphthalene-d8	10.245	136	291134	20.000	ng	0.00
39) Acenaphthene-d10	14.133	164	191970	20.000	ng	0.00
64) Phenanthrene-d10	16.886	188	429661	20.000	ng	0.00
76) Chrysene-d12	21.115	240	454441	20.000	ng	0.00
86) Perylene-d12	23.880	264	530148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	540793	133.420	ng	0.00
7) Phenol-d6	6.693	99	648744	125.693	ng	0.00
23) Nitrobenzene-d5	8.634	82	531944	94.865	ng	0.00
42) 2,4,6-Tribromophenol	15.633	330	416549	139.893	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	1343407	98.849	ng	0.00
79) Terphenyl-d14	19.545	244	2523808	100.432	ng	0.00

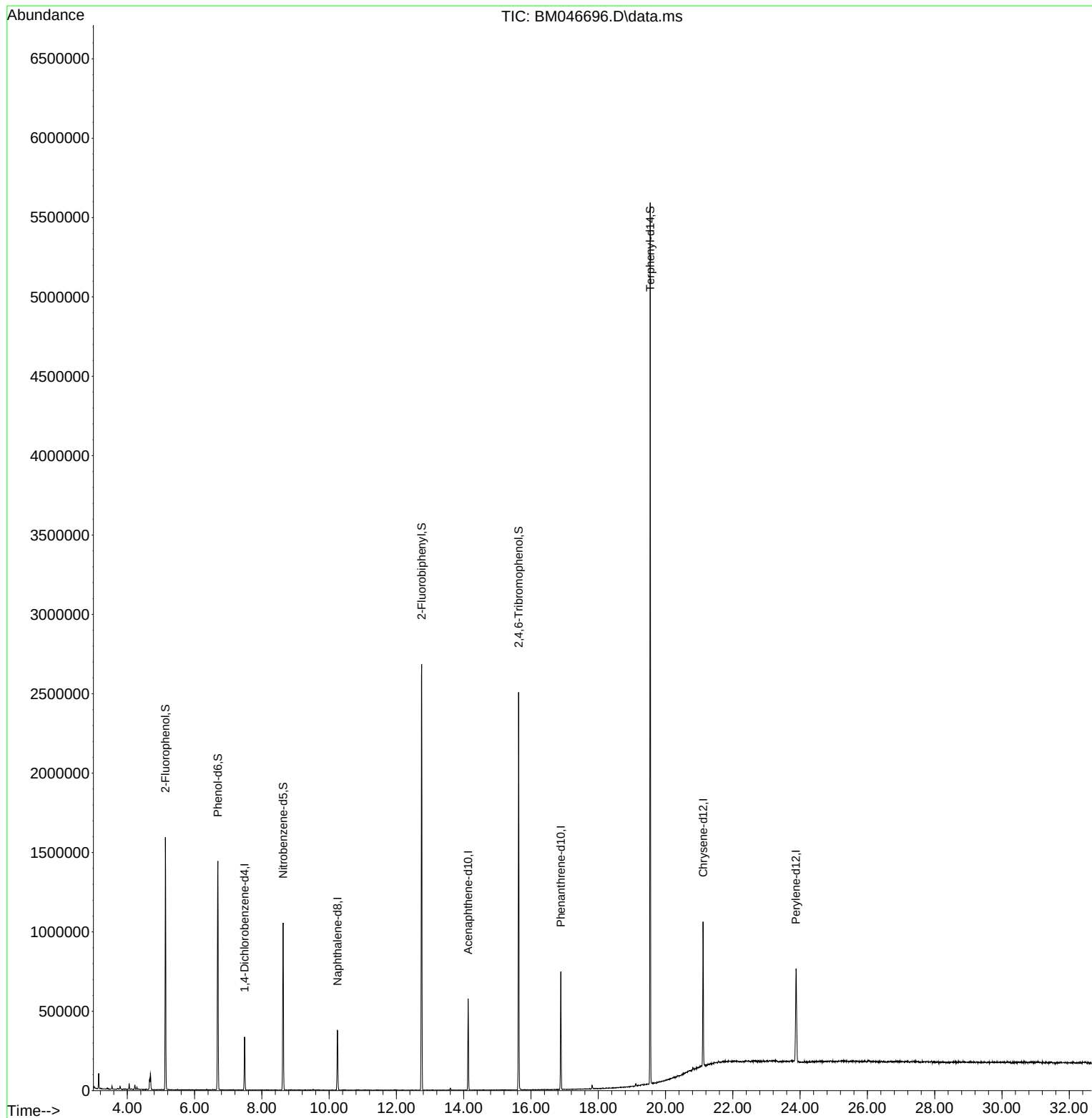
Target Compounds	Qvalue
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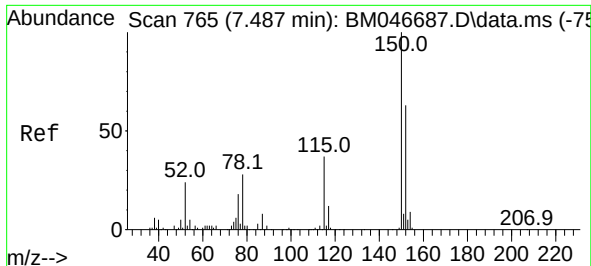
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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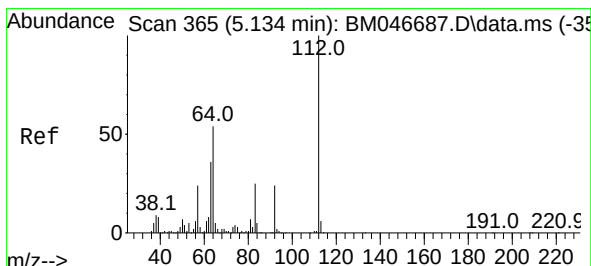
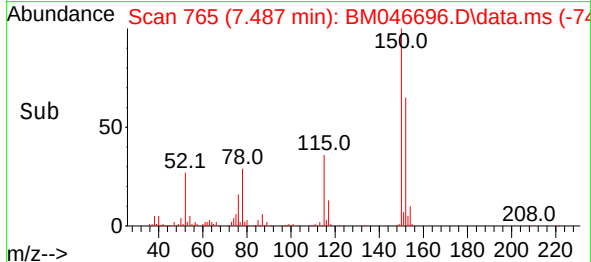
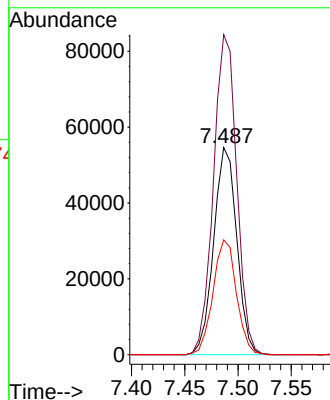
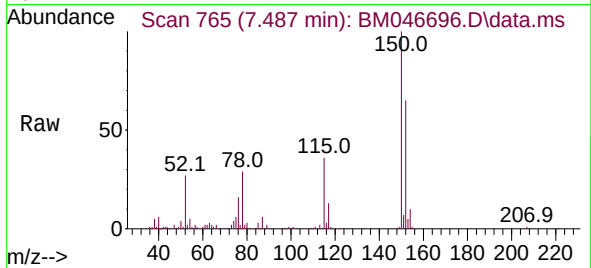




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: BM046696.D
Acq: 18 Jul 2024 09:49

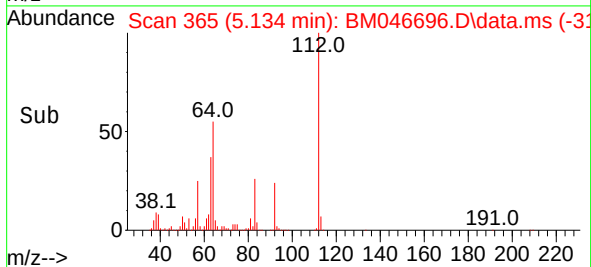
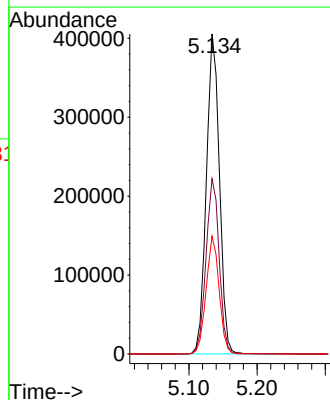
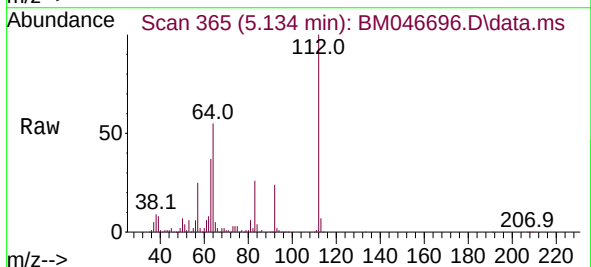
Instrument :
BNA_M
ClientSampleId :
WC-S-02-202407

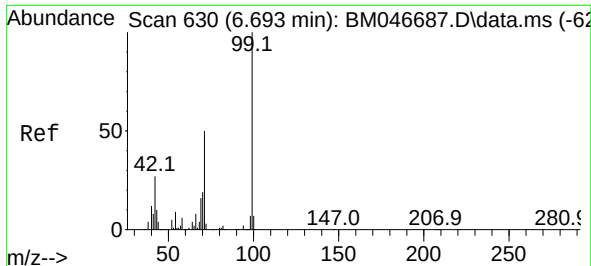
Tgt Ion:152 Resp: 82329
Ion Ratio Lower Upper
152 100
150 154.5 127.3 190.9
115 55.5 46.5 69.7



#5
2-Fluorophenol
Concen: 133.420 ng
RT: 5.134 min Scan# 365
Delta R.T. 0.000 min
Lab File: BM046696.D
Acq: 18 Jul 2024 09:49

Tgt Ion:112 Resp: 540793
Ion Ratio Lower Upper
112 100
64 54.8 43.5 65.3
63 36.8 28.6 42.8

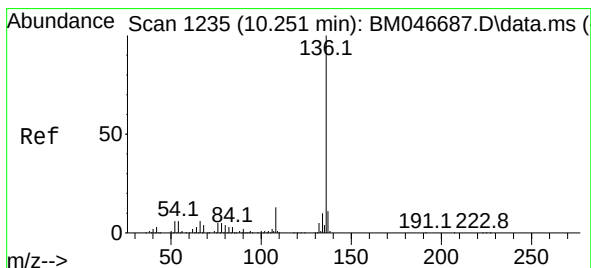
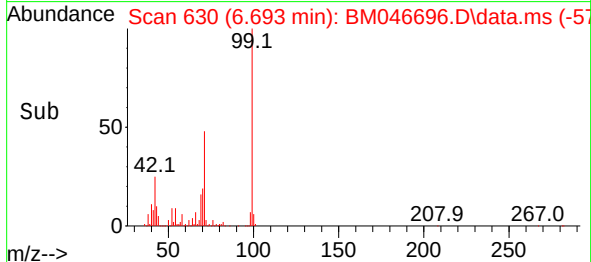
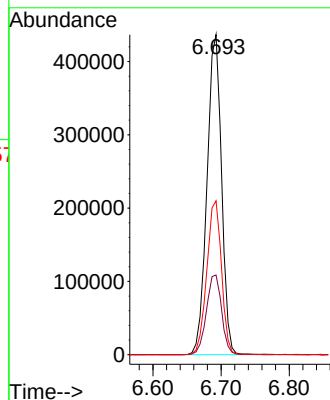
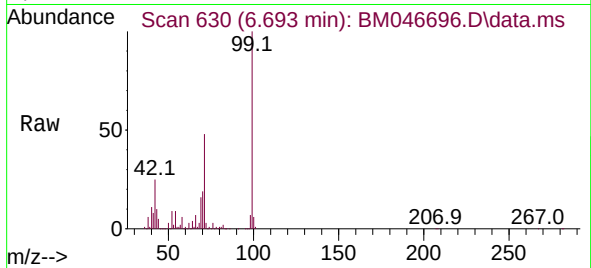




#7
Phenol-d6
Concen: 125.693 ng
RT: 6.693 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM046696.D
Acq: 18 Jul 2024 09:49

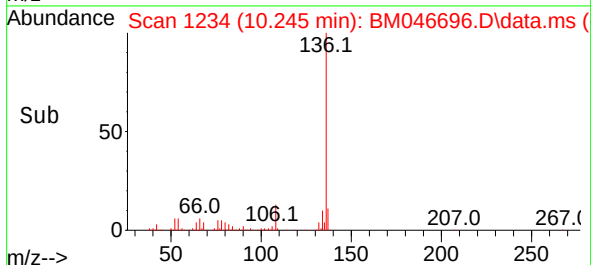
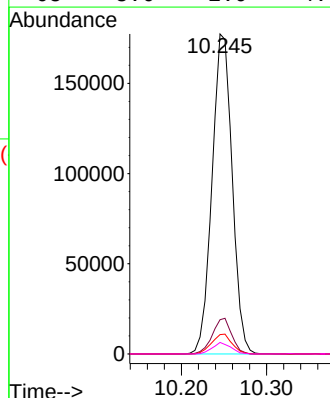
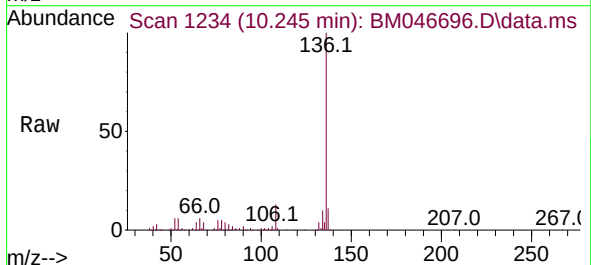
Instrument :
BNA_M
ClientSampleId :
WC-S-02-202407

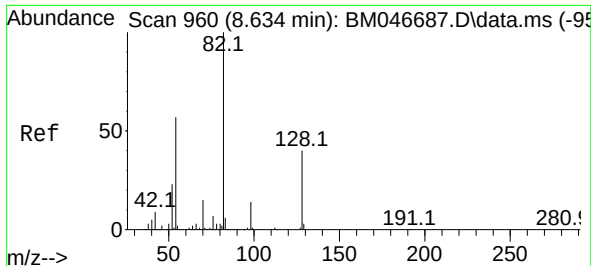
Tgt Ion: 99 Resp: 648744
Ion Ratio Lower Upper
99 100
42 24.9 21.4 32.0
71 48.1 39.9 59.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.245 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM046696.D
Acq: 18 Jul 2024 09:49

Tgt Ion: 136 Resp: 291134
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.0 5.1 7.7
68 3.6 2.9 4.3





#23

Nitrobenzene-d5

Concen: 94.865 ng

RT: 8.634 min Scan# 90

Delta R.T. 0.000 min

Lab File: BM046696.D

Acq: 18 Jul 2024 09:49

Instrument :

BNA_M

ClientSampleId :

WC-S-02-202407

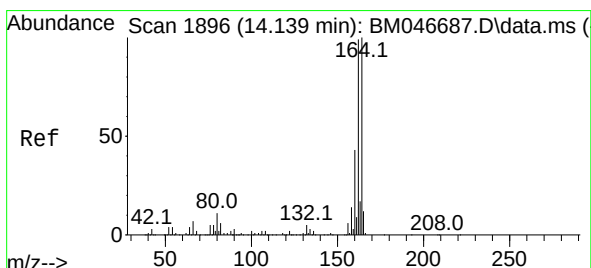
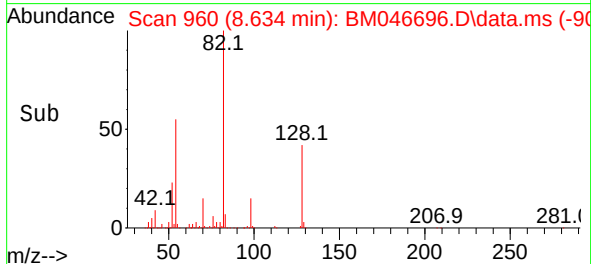
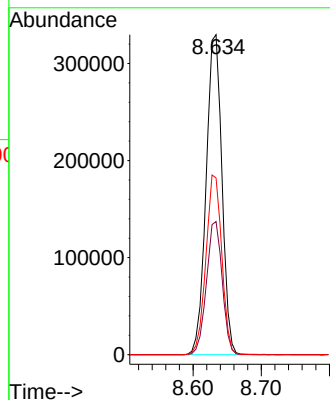
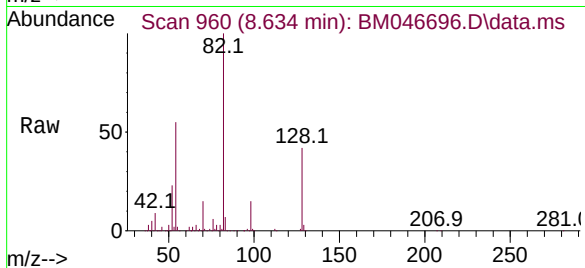
Tgt Ion: 82 Resp: 531944

Ion Ratio Lower Upper

82 100

128 41.6 32.0 48.0

54 55.3 45.2 67.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.006 min

Lab File: BM046696.D

Acq: 18 Jul 2024 09:49

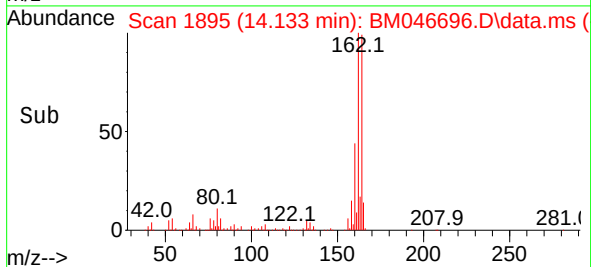
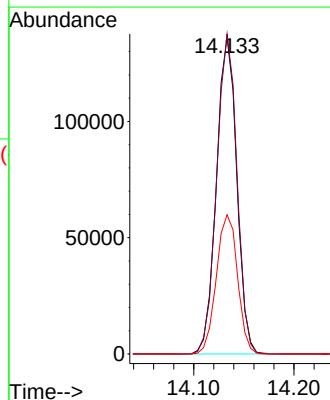
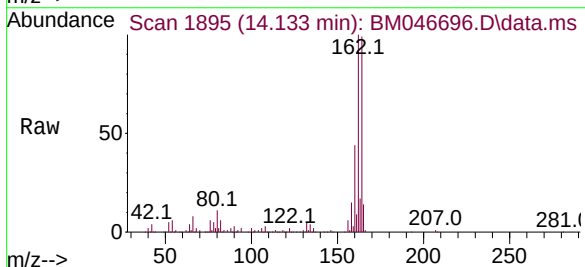
Tgt Ion:164 Resp: 191970

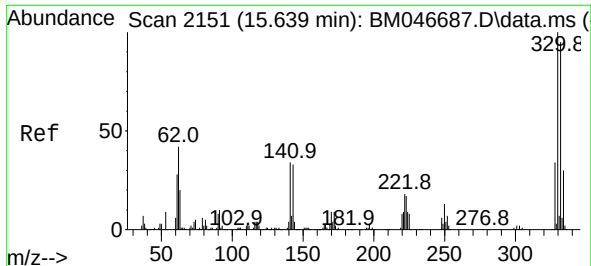
Ion Ratio Lower Upper

164 100

162 101.2 79.0 118.6

160 44.0 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 139.893 ng

RT: 15.633 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BM046696.D

Acq: 18 Jul 2024 09:49

Instrument :

BNA_M

ClientSampleId :

WC-S-02-202407

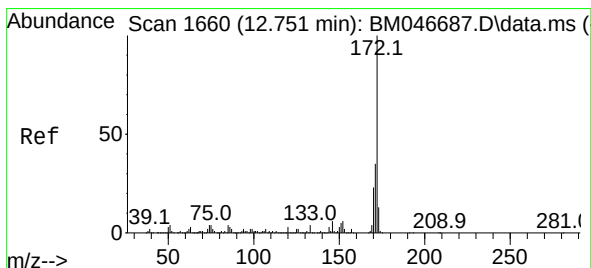
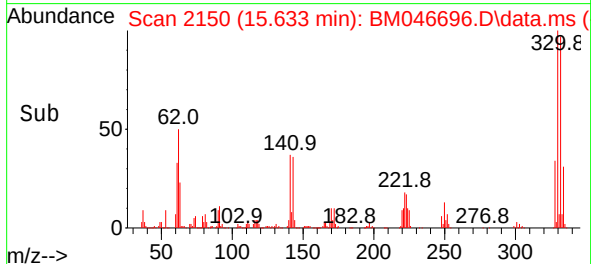
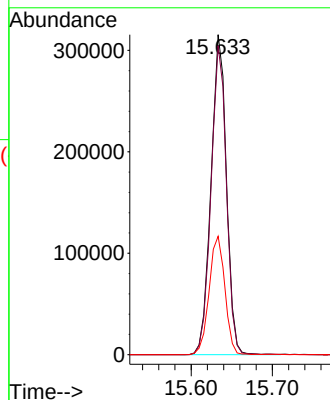
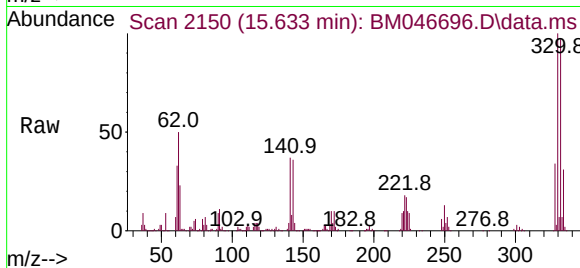
Tgt Ion:330 Resp: 416549

Ion Ratio Lower Upper

330 100

332 96.0 75.5 113.3

141 37.8 29.7 44.5



#45

2-Fluorobiphenyl

Concen: 98.849 ng

RT: 12.751 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BM046696.D

Acq: 18 Jul 2024 09:49

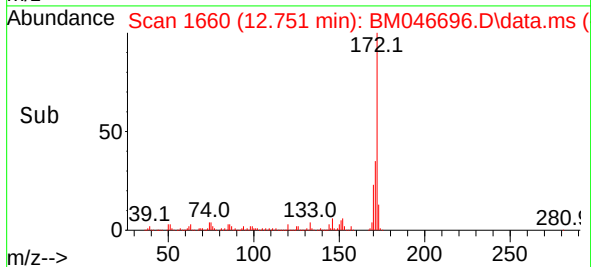
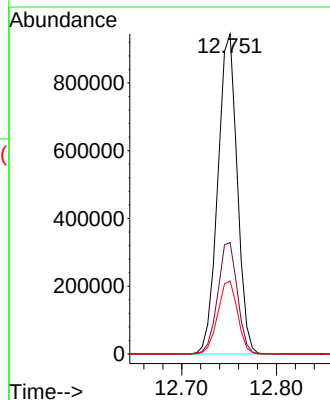
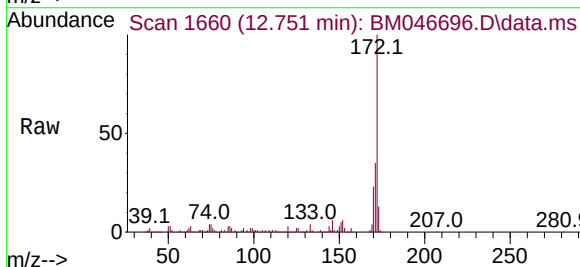
Tgt Ion:172 Resp: 1343407

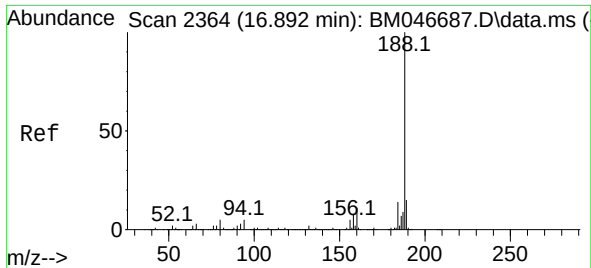
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

170 22.8 18.5 27.7

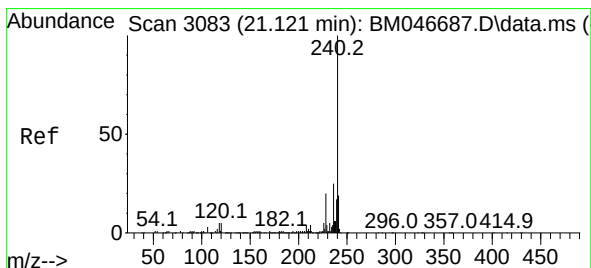
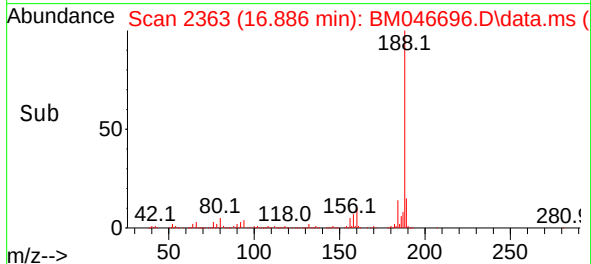
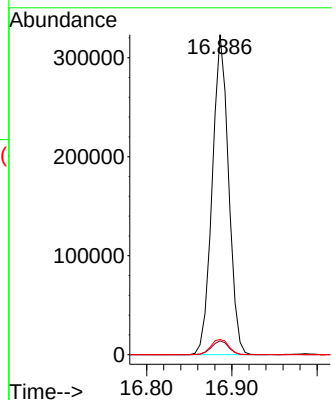
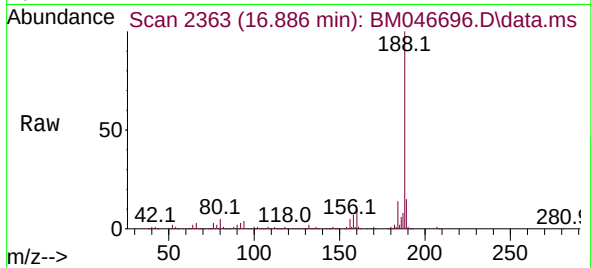




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.886 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM046696.D
Acq: 18 Jul 2024 09:49

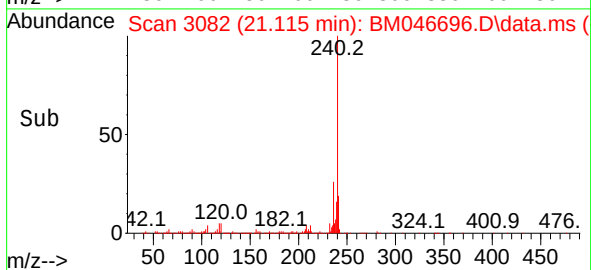
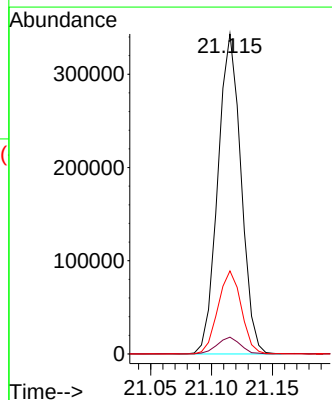
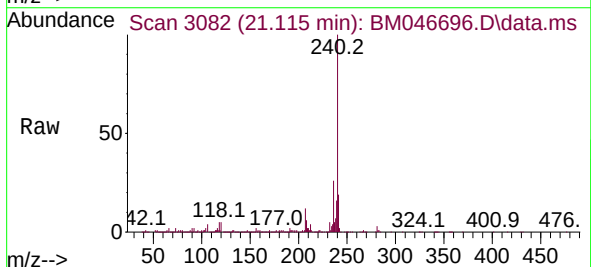
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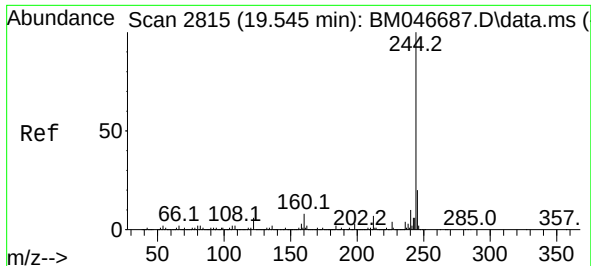
Tgt Ion:188 Resp: 429661
Ion Ratio Lower Upper
188 100
94 4.3 3.8 5.6
80 4.7 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.115 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM046696.D
Acq: 18 Jul 2024 09:49

Tgt Ion:240 Resp: 454441
Ion Ratio Lower Upper
240 100
120 5.3 3.9 5.9
236 26.0 20.2 30.2

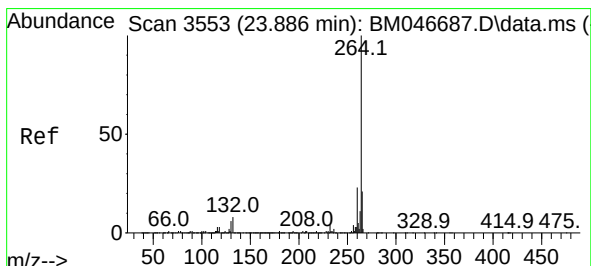
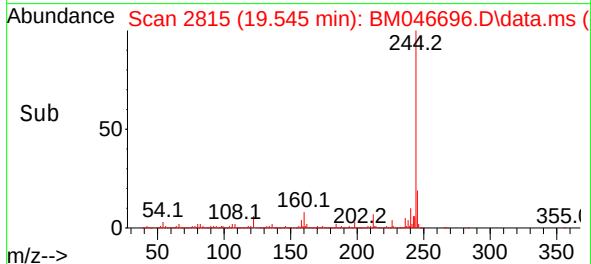
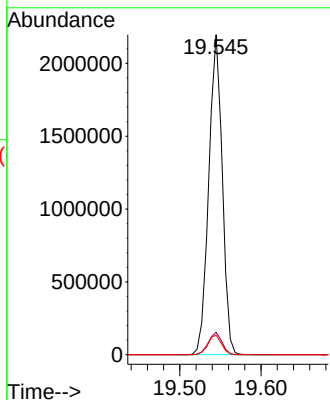
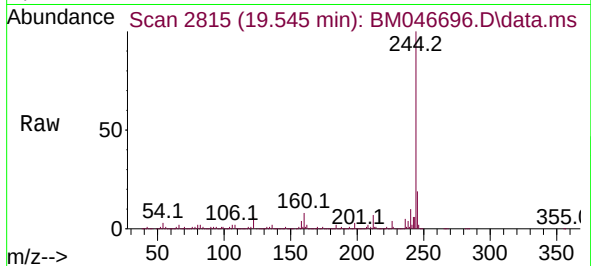




#79
Terphenyl-d14
Concen: 100.432 ng
RT: 19.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046696.D
Acq: 18 Jul 2024 09:49

Instrument :
BNA_M
ClientSampleId :
WC-S-02-202407

Tgt Ion:244 Resp: 2523808
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 6.1 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.880 min Scan# 3552
Delta R.T. -0.006 min
Lab File: BM046696.D
Acq: 18 Jul 2024 09:49

Tgt Ion:264 Resp: 530148
Ion Ratio Lower Upper
264 100
260 22.7 18.1 27.1
265 21.3 16.9 25.3

