

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046695.D
Acq On : 18 Jul 2024 09:09
Operator : MA/JU
Sample : P3257-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-W-03-202407

Quant Time: Jul 18 10:49:58 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	84414	20.000	ng	0.00
21) Naphthalene-d8	10.246	136	294873	20.000	ng	0.00
39) Acenaphthene-d10	14.134	164	202202	20.000	ng	0.00
64) Phenanthrene-d10	16.886	188	458947	20.000	ng	0.00
76) Chrysene-d12	21.116	240	472662	20.000	ng	0.00
86) Perylene-d12	23.880	264	548184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	527728	126.981	ng	0.00
7) Phenol-d6	6.687	99	597780	112.958	ng	0.00
23) Nitrobenzene-d5	8.628	82	523075	92.101	ng	0.00
42) 2,4,6-Tribromophenol	15.634	330	423795	135.124	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	1343317	93.841	ng	0.00
79) Terphenyl-d14	19.545	244	2619916	100.238	ng	0.00

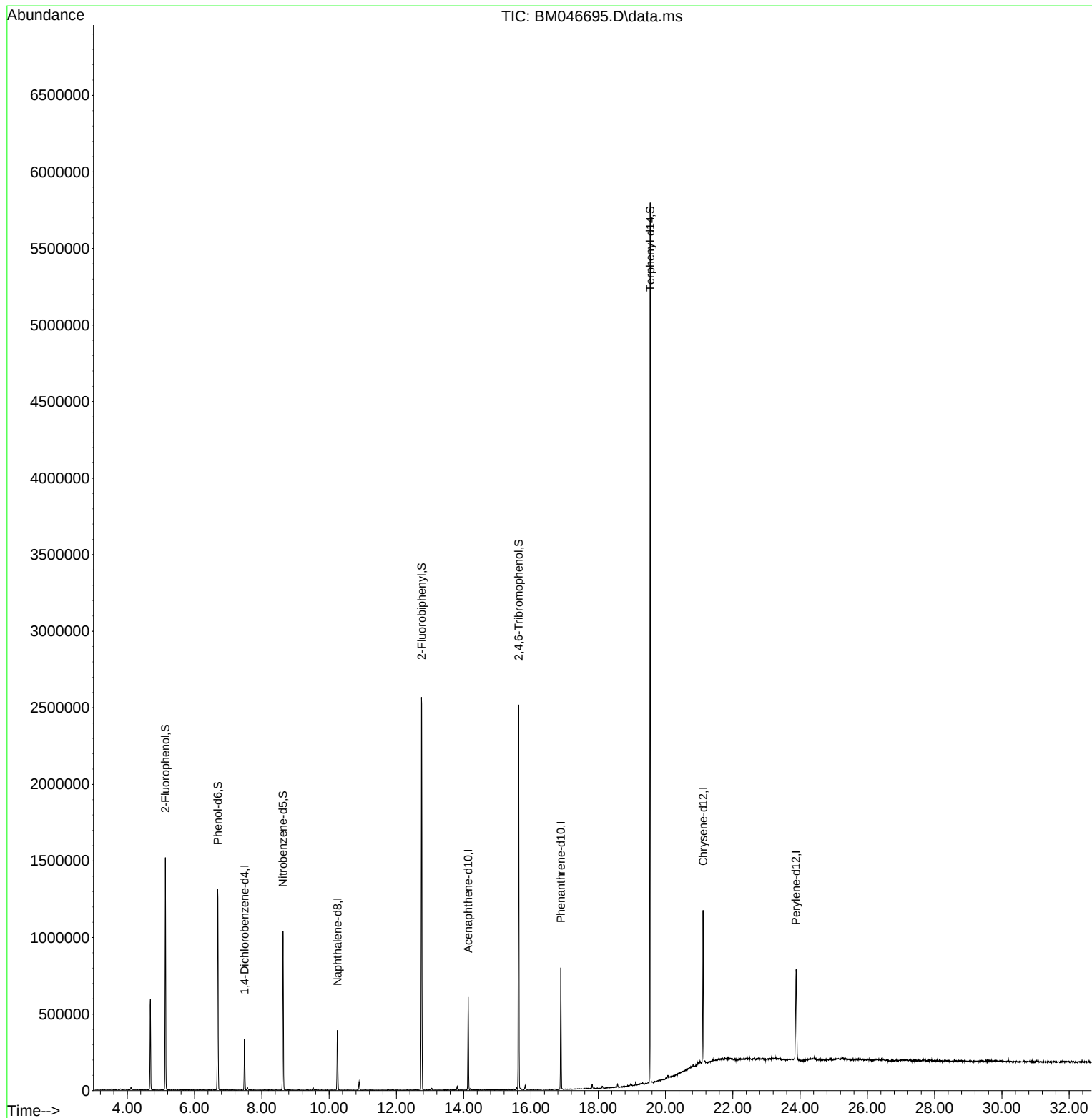
Target Compounds	Qvalue
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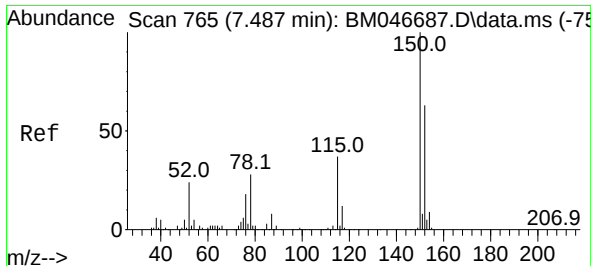
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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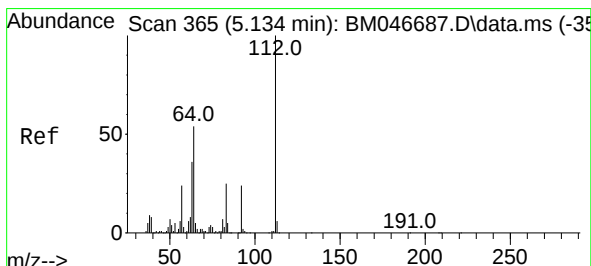
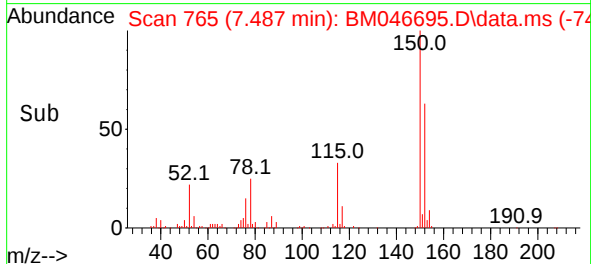
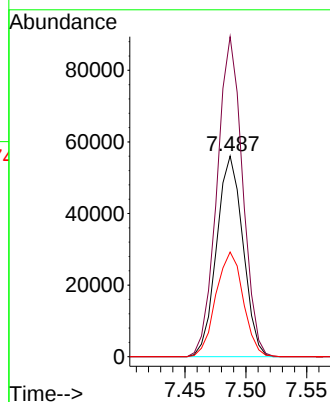
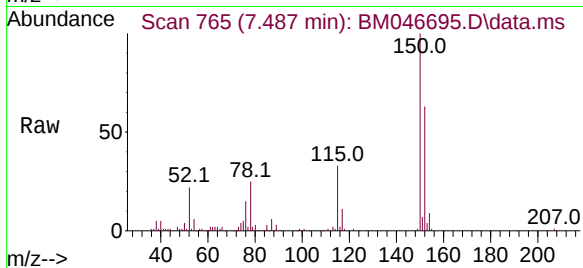




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.487 min Scan# 765
Delta R.T. 0.000 min
Lab File: BM046695.D
Acq: 18 Jul 2024 09:09

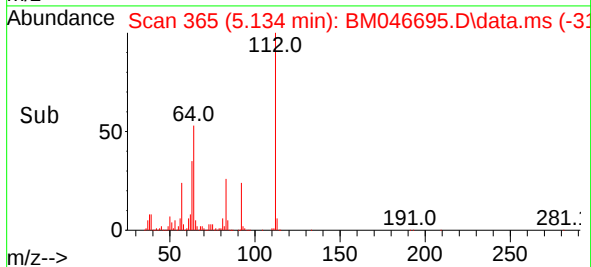
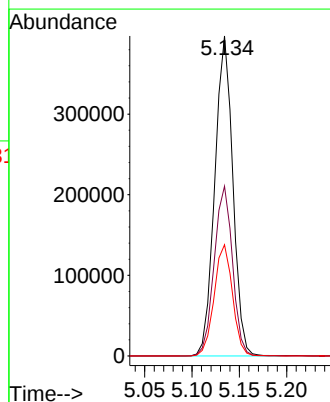
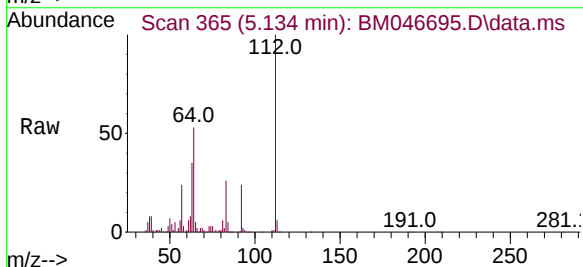
Instrument :
BNA_M
ClientSampleId :
WC-W-03-202407

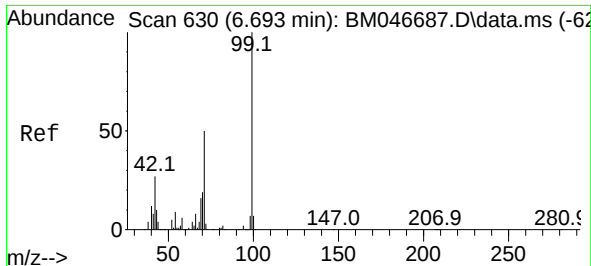
Tgt Ion:152 Resp: 84414
Ion Ratio Lower Upper
152 100
150 159.4 127.3 190.9
115 52.1 46.5 69.7



#5
2-Fluorophenol
Concen: 126.981 ng
RT: 5.134 min Scan# 365
Delta R.T. 0.000 min
Lab File: BM046695.D
Acq: 18 Jul 2024 09:09

Tgt Ion:112 Resp: 527728
Ion Ratio Lower Upper
112 100
64 53.0 43.5 65.3
63 34.8 28.6 42.8

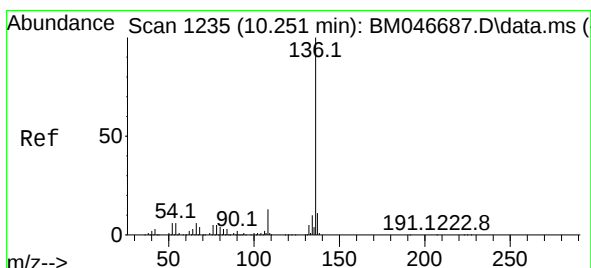
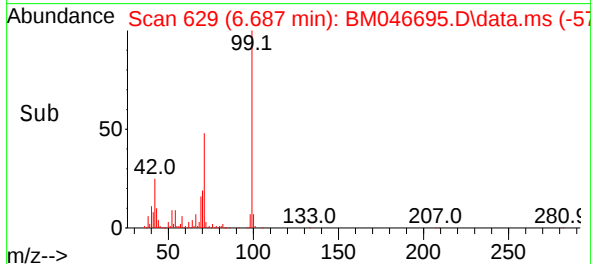
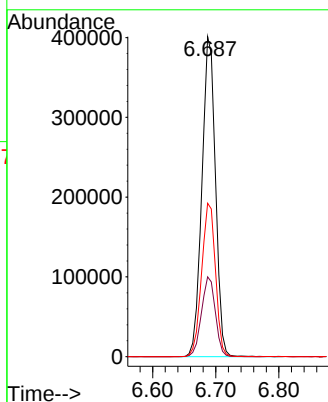
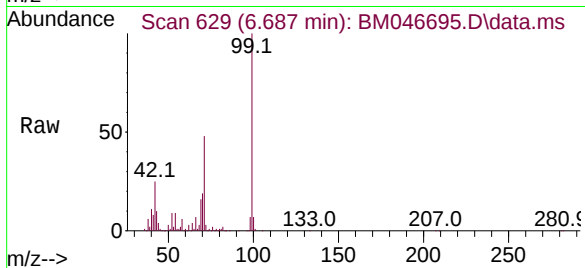




#7
Phenol-d6
Concen: 112.958 ng
RT: 6.687 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM046695.D
Acq: 18 Jul 2024 09:09

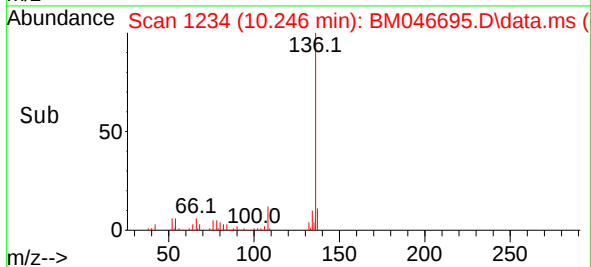
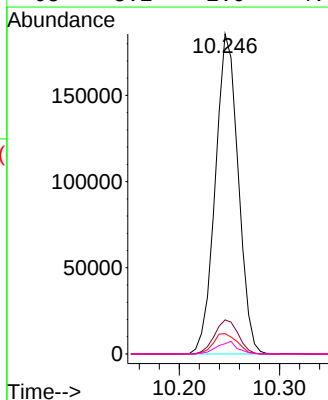
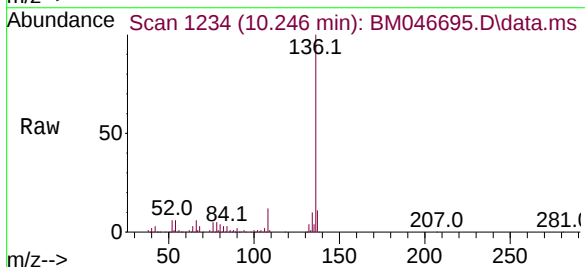
Instrument :
BNA_M
ClientSampleId :
WC-W-03-202407

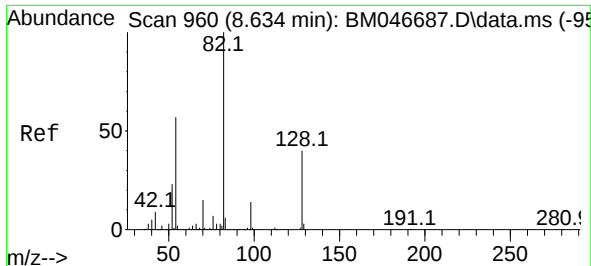
Tgt Ion: 99 Resp: 597780
Ion Ratio Lower Upper
99 100
42 25.0 21.4 32.0
71 48.0 39.9 59.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.246 min Scan# 1234
Delta R.T. -0.005 min
Lab File: BM046695.D
Acq: 18 Jul 2024 09:09

Tgt Ion:136 Resp: 294873
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.3 5.1 7.7
68 3.2 2.9 4.3





#23

Nitrobenzene-d5

Concen: 92.101 ng

RT: 8.628 min Scan# 91

Delta R.T. -0.005 min

Lab File: BM046695.D

Acq: 18 Jul 2024 09:09

Instrument :

BNA_M

ClientSampleId :

WC-W-03-202407

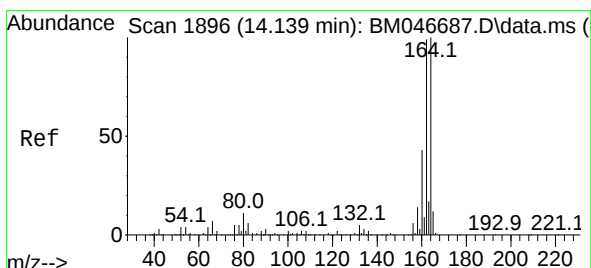
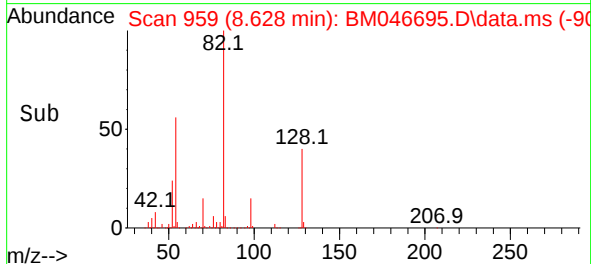
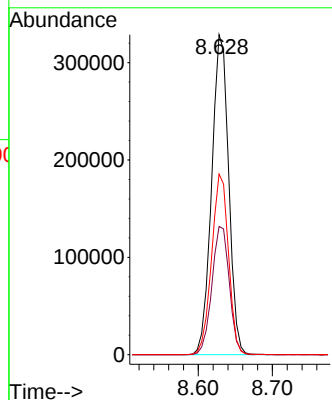
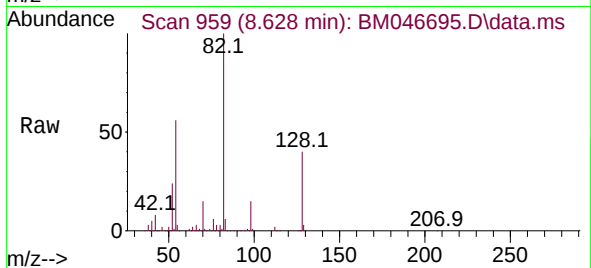
Tgt Ion: 82 Resp: 523075

Ion Ratio Lower Upper

82 100

128 40.0 32.0 48.0

54 56.4 45.2 67.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.134 min Scan# 1895

Delta R.T. -0.005 min

Lab File: BM046695.D

Acq: 18 Jul 2024 09:09

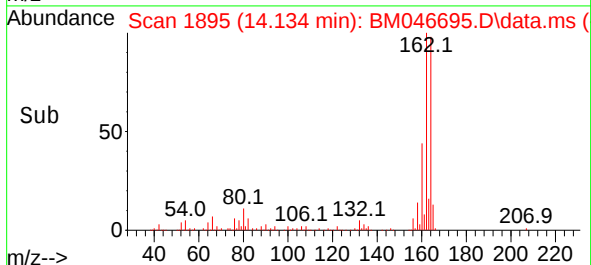
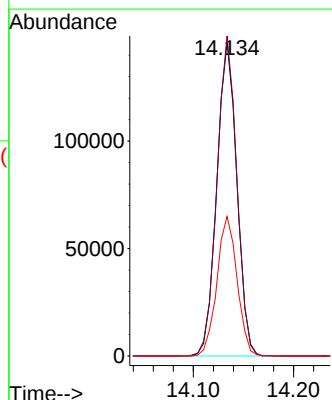
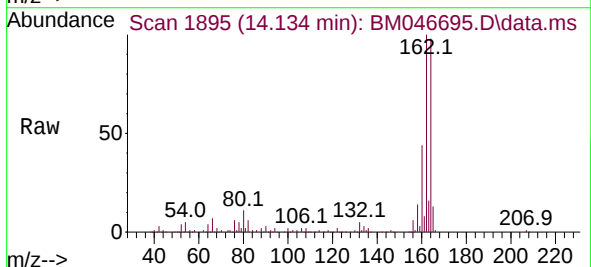
Tgt Ion:164 Resp: 202202

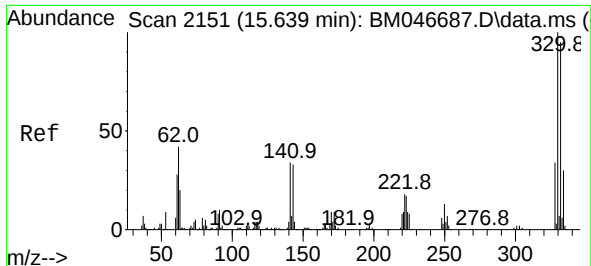
Ion Ratio Lower Upper

164 100

162 102.1 79.0 118.6

160 44.5 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 135.124 ng

RT: 15.634 min Scan# 2151

Delta R.T. -0.005 min

Lab File: BM046695.D

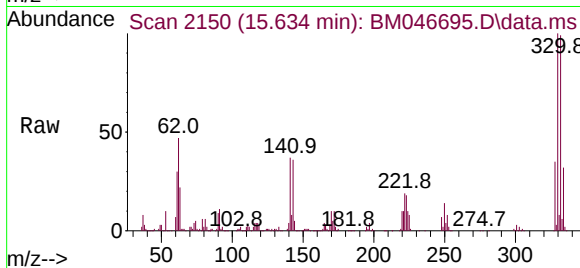
Acq: 18 Jul 2024 09:09

Instrument :

BNA_M

ClientSampleId :

WC-W-03-202407



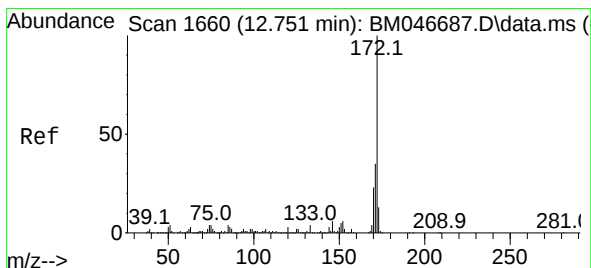
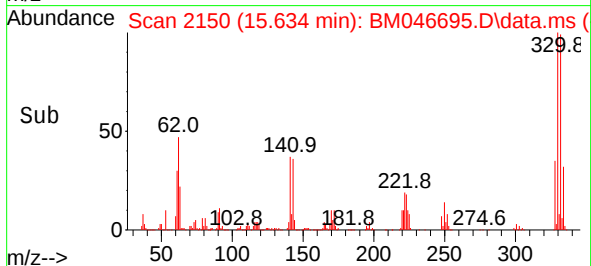
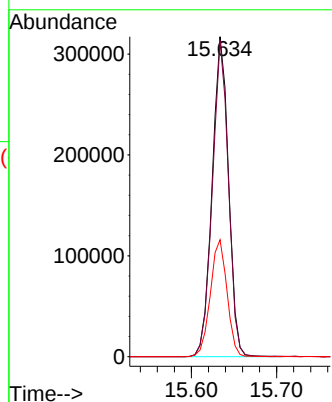
Tgt Ion:330 Resp: 423795

Ion Ratio Lower Upper

330 100

332 96.5 75.5 113.3

141 37.1 29.7 44.5



#45

2-Fluorobiphenyl

Concen: 93.841 ng

RT: 12.751 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BM046695.D

Acq: 18 Jul 2024 09:09

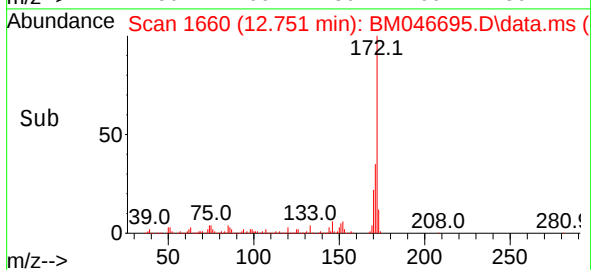
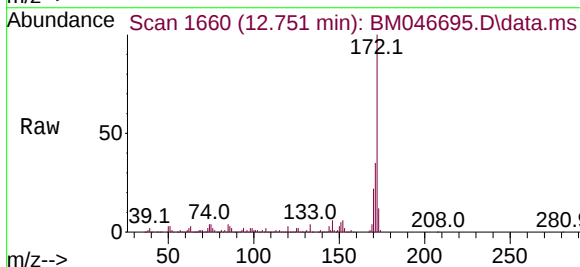
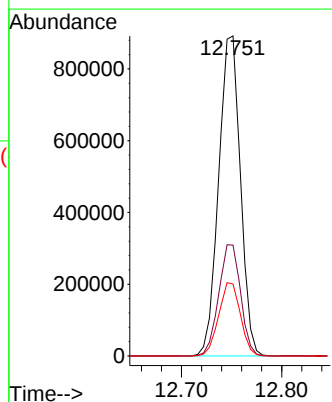
Tgt Ion:172 Resp: 1343317

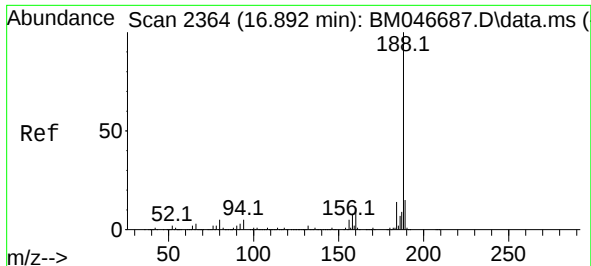
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

170 22.5 18.5 27.7

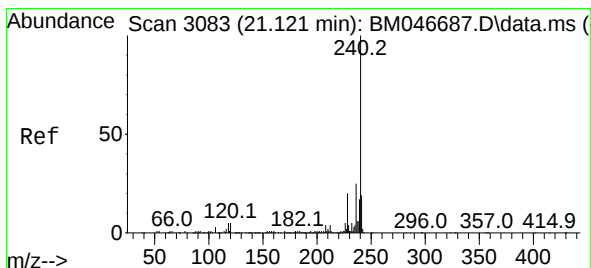
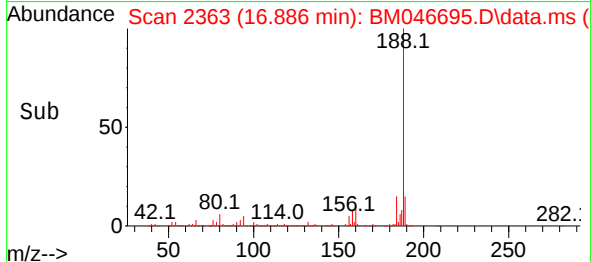
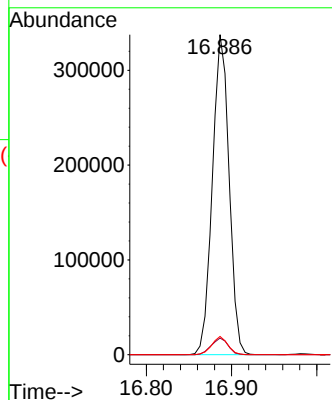
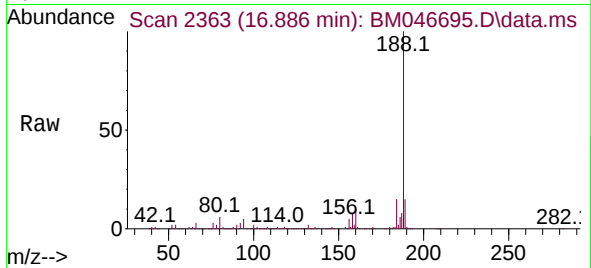




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.886 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM046695.D
Acq: 18 Jul 2024 09:09

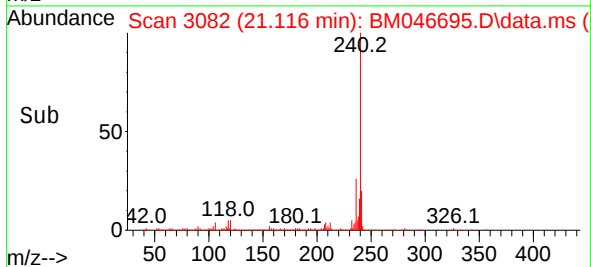
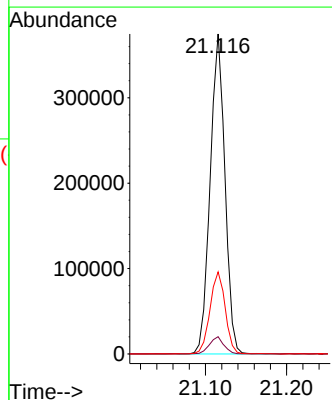
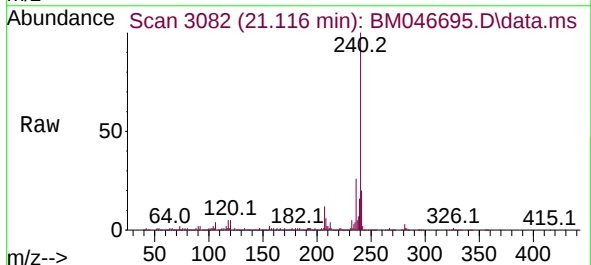
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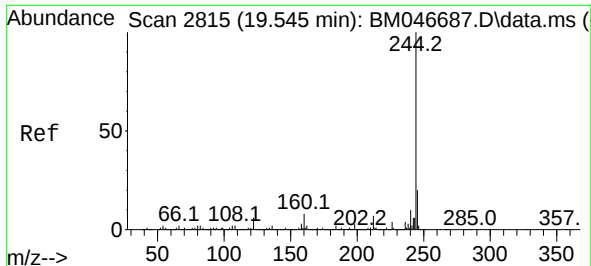
Tgt Ion:188 Resp: 458947
Ion Ratio Lower Upper
188 100
94 5.2 3.8 5.6
80 5.7 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.116 min Scan# 3082
Delta R.T. -0.005 min
Lab File: BM046695.D
Acq: 18 Jul 2024 09:09

Tgt Ion:240 Resp: 472662
Ion Ratio Lower Upper
240 100
120 5.4 3.9 5.9
236 25.6 20.2 30.2

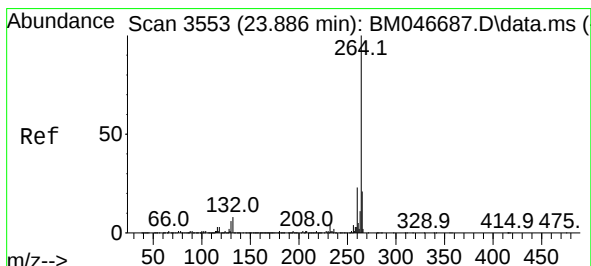
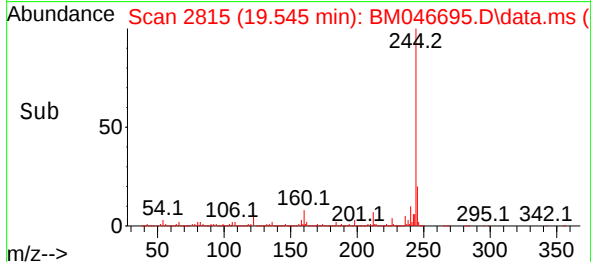
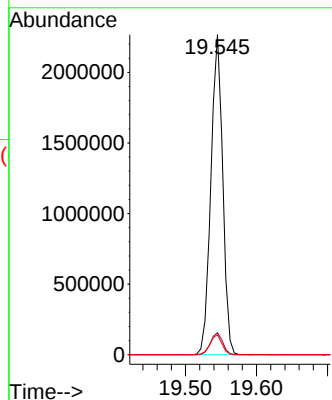
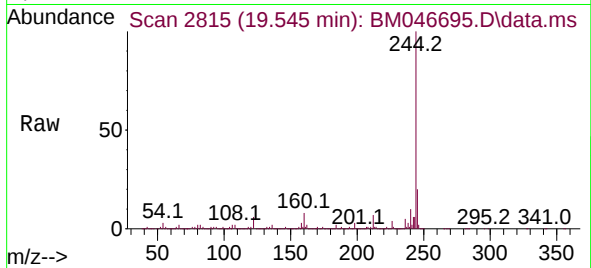




#79
 Terphenyl-d14
 Concen: 100.238 ng
 RT: 19.545 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM046695.D
 Acq: 18 Jul 2024 09:09

Instrument :
 BNA_M
 ClientSampleId :
 WC-W-03-202407

Tgt Ion:244 Resp: 2619916
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 6.2 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.880 min Scan# 3552
 Delta R.T. -0.005 min
 Lab File: BM046695.D
 Acq: 18 Jul 2024 09:09

Tgt Ion:264 Resp: 548184
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.1 27.1
 265 22.4 16.9 25.3

