

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071824\
Data File : BM046705.D
Acq On : 18 Jul 2024 16:41
Operator : MA/JU
Sample : P3246-22
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-05

Quant Time: Jul 18 17:15:55 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	94245	20.000	ng	0.00
21) Naphthalene-d8	10.246	136	315611	20.000	ng	# 0.00
39) Acenaphthene-d10	14.133	164	211245	20.000	ng	0.00
64) Phenanthrene-d10	16.886	188	414796	20.000	ng	0.00
76) Chrysene-d12	21.115	240	301984	20.000	ng	0.00
86) Perylene-d12	23.880	264	344941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	667844	143.933	ng	0.00
7) Phenol-d6	6.693	99	736981	124.735	ng	0.00
23) Nitrobenzene-d5	8.634	82	642735	105.734	ng	0.00
42) 2,4,6-Tribromophenol	15.633	330	472910	144.330	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	1640126	109.670	ng	0.00
79) Terphenyl-d14	19.545	244	2151278	128.827	ng	0.00

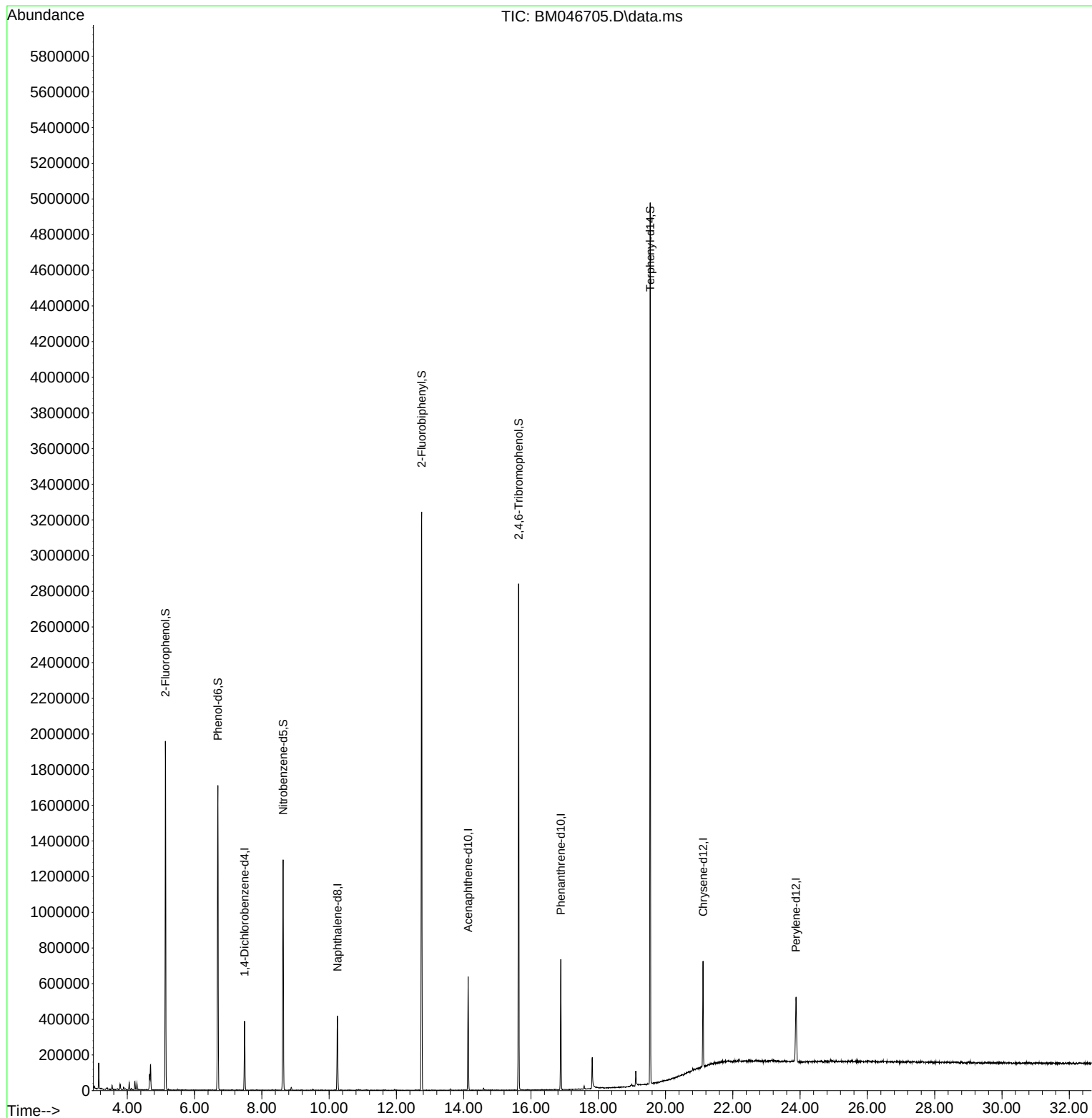
Target Compounds	Qvalue
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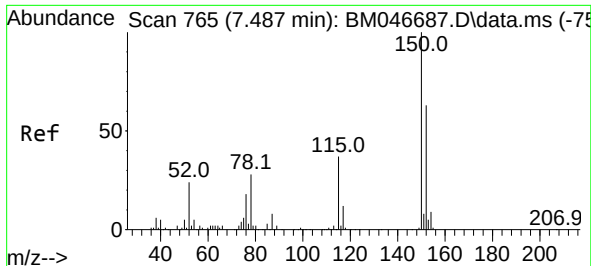
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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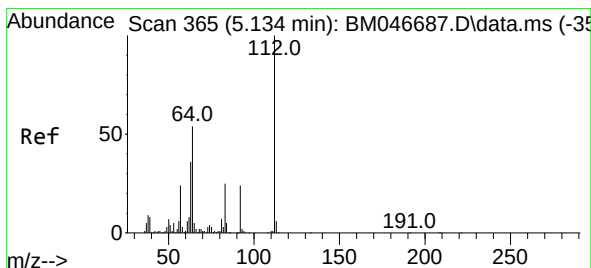
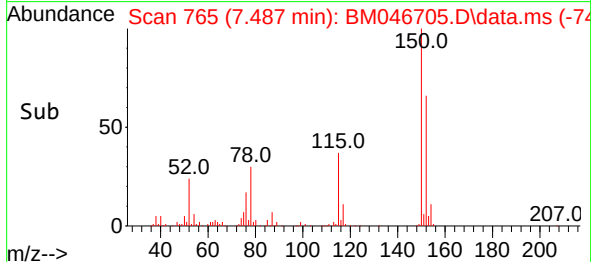
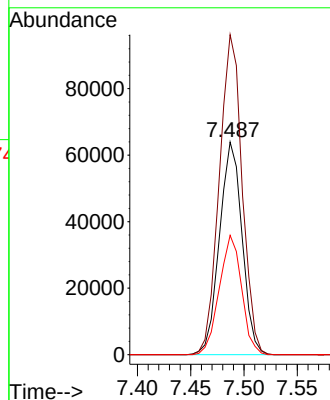
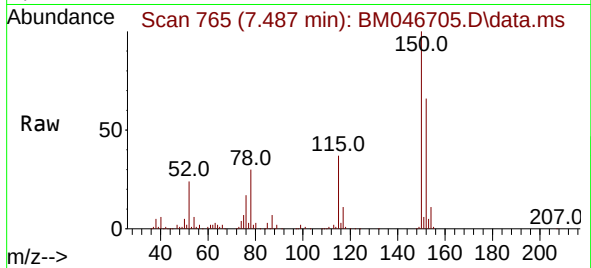




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: BM046705.D
Acq: 18 Jul 2024 16:41

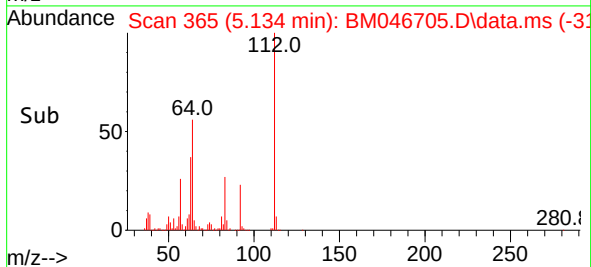
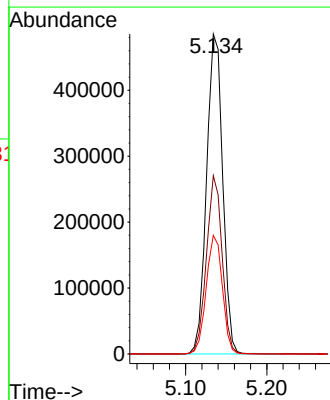
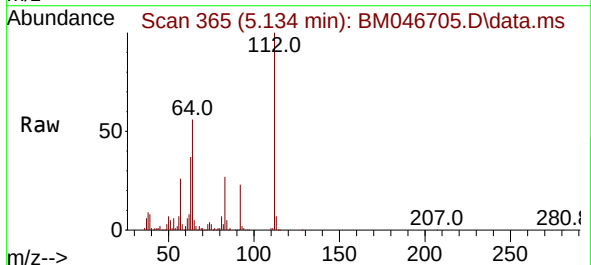
Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-05

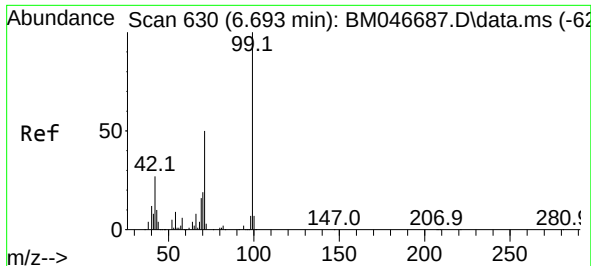
Tgt Ion:152 Resp: 94245
Ion Ratio Lower Upper
152 100
150 150.5 127.3 190.9
115 56.1 46.5 69.7



#5
2-Fluorophenol
Concen: 143.933 ng
RT: 5.134 min Scan# 365
Delta R.T. 0.000 min
Lab File: BM046705.D
Acq: 18 Jul 2024 16:41

Tgt Ion:112 Resp: 667844
Ion Ratio Lower Upper
112 100
64 55.7 43.5 65.3
63 37.0 28.6 42.8

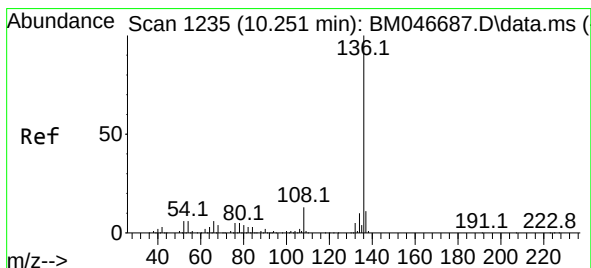
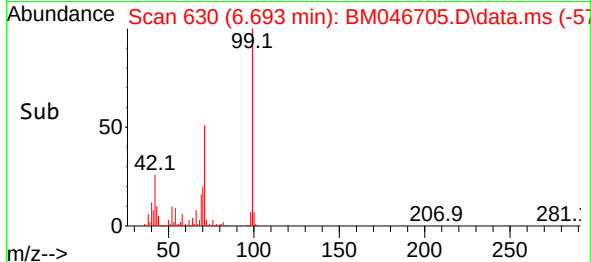
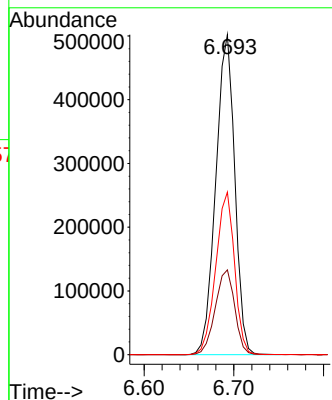
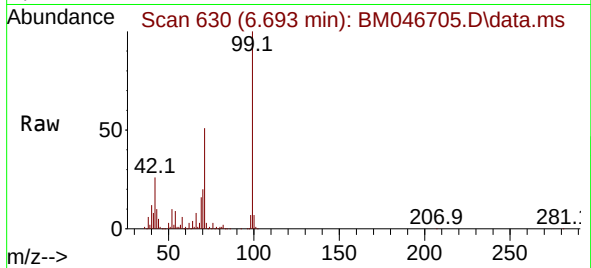




#7
Phenol-d6
Concen: 124.735 ng
RT: 6.693 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM046705.D
Acq: 18 Jul 2024 16:41

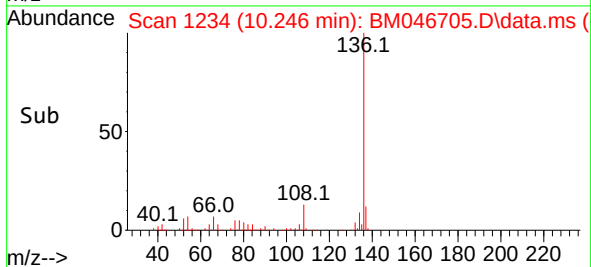
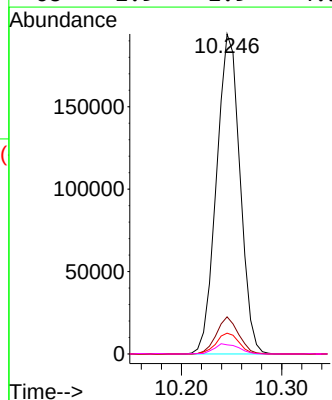
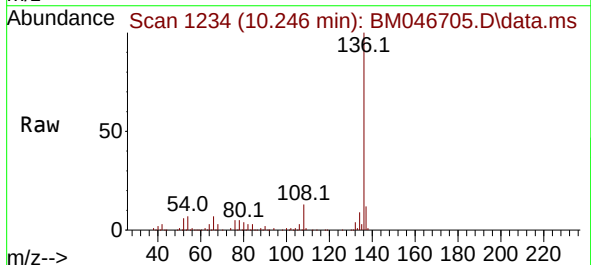
Instrument :
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ClientSampleId :
WC-CTW2-BL-05

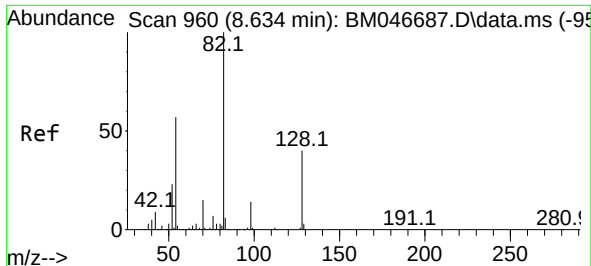
Tgt Ion: 99 Resp: 736981
Ion Ratio Lower Upper
99 100
42 26.5 21.4 32.0
71 50.8 39.9 59.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.246 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM046705.D
Acq: 18 Jul 2024 16:41

Tgt Ion: 136 Resp: 315611
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 6.5 5.1 7.7
68 2.9 2.9 4.3#

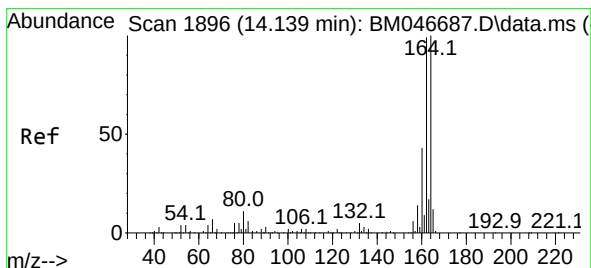
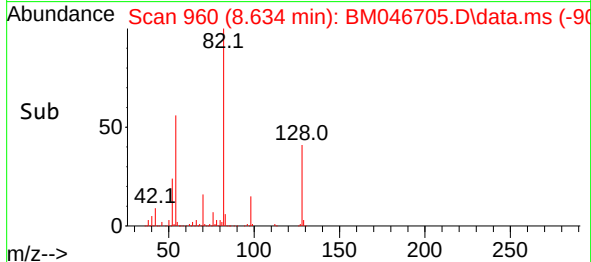
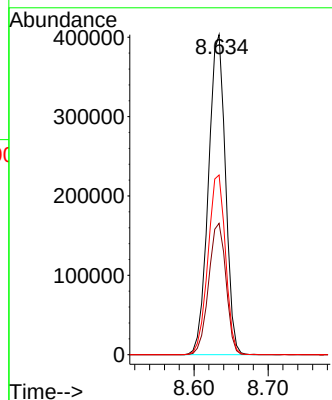
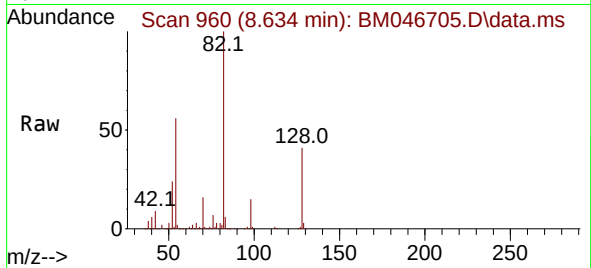




#23
Nitrobenzene-d5
Concen: 105.734 ng
RT: 8.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: BM046705.D
Acq: 18 Jul 2024 16:41

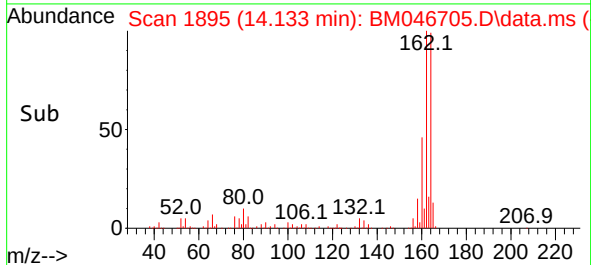
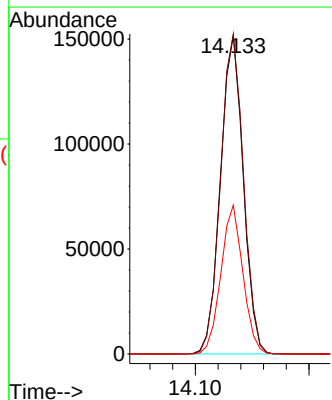
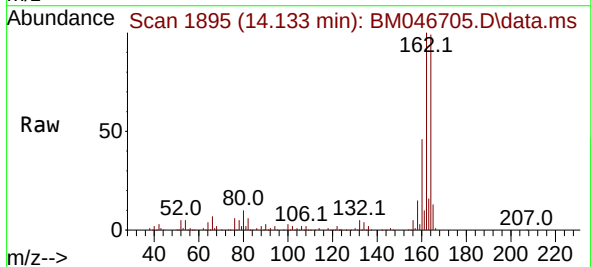
Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-05

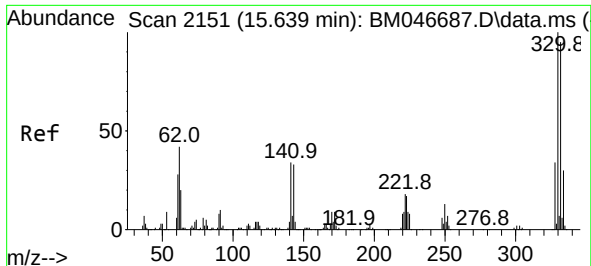
Tgt Ion: 82 Resp: 642735
Ion Ratio Lower Upper
82 100
128 41.1 32.0 48.0
54 56.2 45.2 67.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM046705.D
Acq: 18 Jul 2024 16:41

Tgt Ion:164 Resp: 211245
Ion Ratio Lower Upper
164 100
162 100.5 79.0 118.6
160 46.7 34.6 51.8

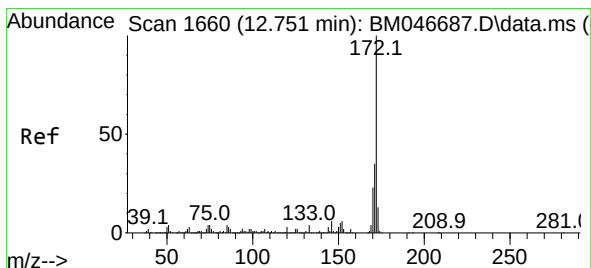
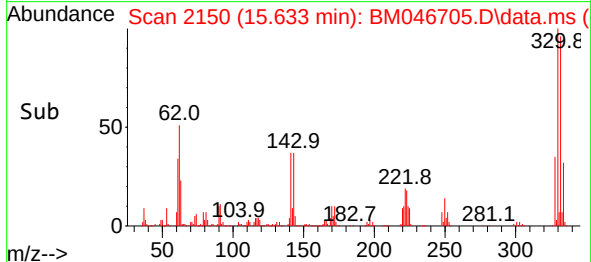
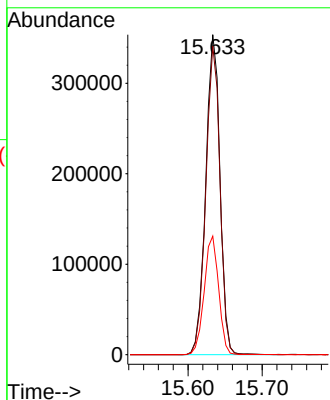
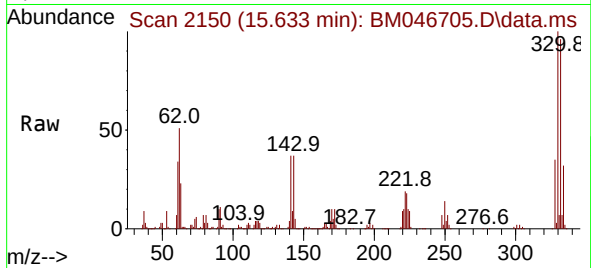




#42
2,4,6-Tribromophenol
Concen: 144.330 ng
RT: 15.633 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM046705.D
Acq: 18 Jul 2024 16:41

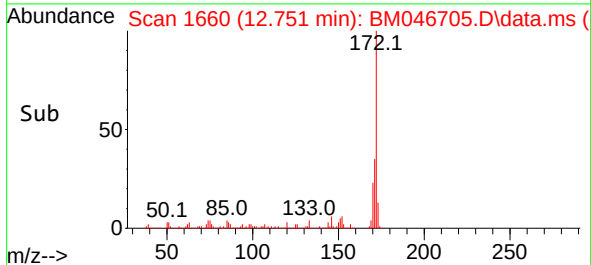
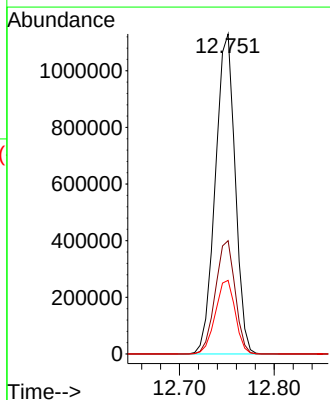
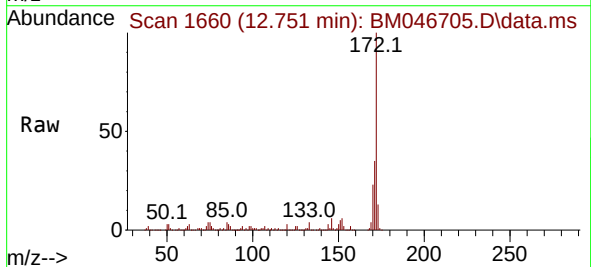
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WC-CTW2-BL-05

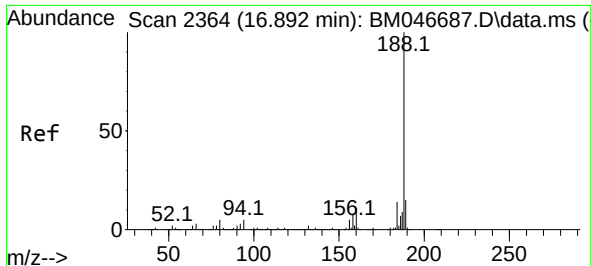
Tgt Ion:330 Resp: 472910
Ion Ratio Lower Upper
330 100
332 95.9 75.5 113.3
141 37.7 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 109.670 ng
RT: 12.751 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BM046705.D
Acq: 18 Jul 2024 16:41

Tgt Ion:172 Resp: 1640126
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.0 18.5 27.7

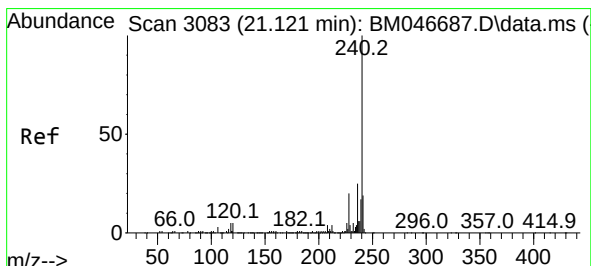
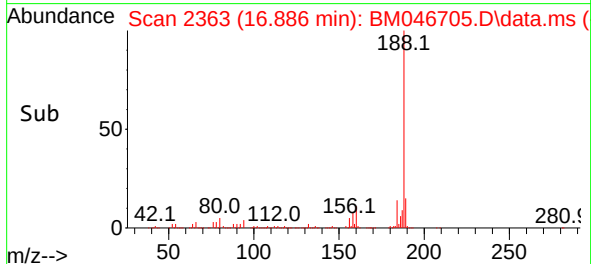
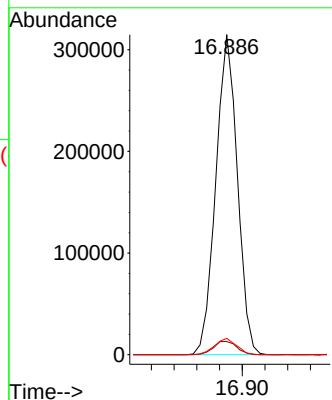
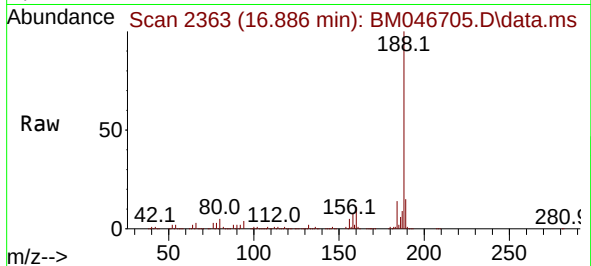




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.886 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046705.D
Acq: 18 Jul 2024 16:41

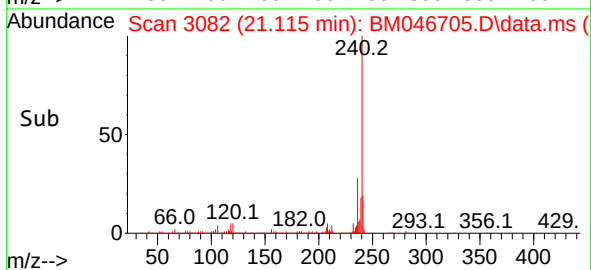
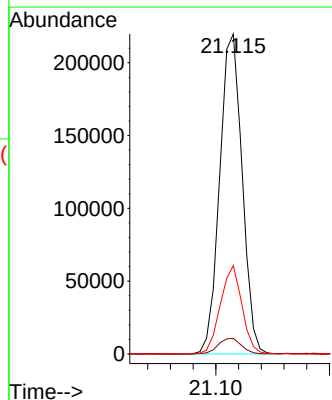
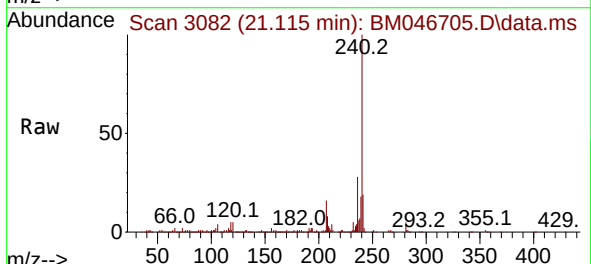
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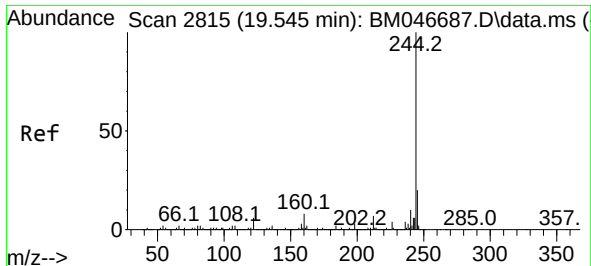
Tgt Ion:188 Resp: 414796
Ion Ratio Lower Upper
188 100
94 4.1 3.8 5.6
80 5.1 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.115 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM046705.D
Acq: 18 Jul 2024 16:41

Tgt Ion:240 Resp: 301984
Ion Ratio Lower Upper
240 100
120 4.9 3.9 5.9
236 27.6 20.2 30.2

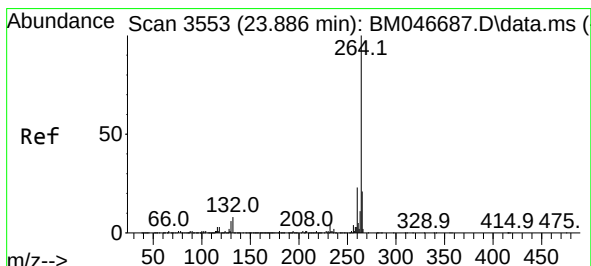
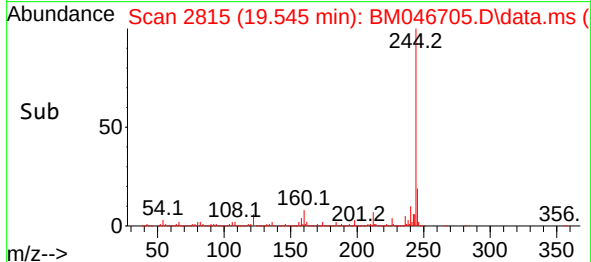
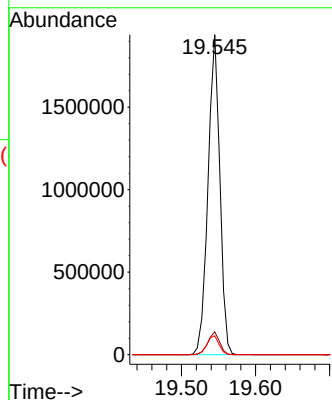
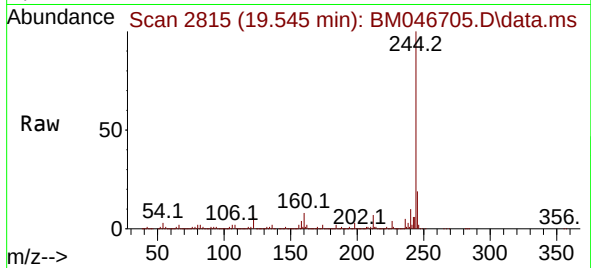




#79
 Terphenyl-d14
 Concen: 128.827 ng
 RT: 19.545 min Scan# 2151
 Delta R.T. 0.000 min
 Lab File: BM046705.D
 Acq: 18 Jul 2024 16:41

Instrument :
 BNA_M
 ClientSampleId :
 WC-CTW2-BL-05

Tgt Ion:244 Resp: 2151278
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 5.9 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: BM046705.D
 Acq: 18 Jul 2024 16:41

Tgt Ion:264 Resp: 344941
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 22.8 16.9 25.3

