

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071824\
Data File : BM046715.D
Acq On : 18 Jul 2024 23:21
Operator : MA/JU
Sample : P3246-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-04

Quant Time: Jul 19 01:17:49 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	108770	20.000	ng	0.00
21) Naphthalene-d8	10.245	136	399821	20.000	ng	0.00
39) Acenaphthene-d10	14.127	164	277167	20.000	ng	-0.01
64) Phenanthrene-d10	16.886	188	544891	20.000	ng	0.00
76) Chrysene-d12	21.109	240	364521	20.000	ng	-0.01
86) Perylene-d12	23.874	264	442021	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.128	112	489674	91.441	ng	0.00
7) Phenol-d6	6.687	99	645648	94.684	ng	0.00
23) Nitrobenzene-d5	8.628	82	446317	57.958	ng	0.00
42) 2,4,6-Tribromophenol	15.633	330	333908	77.669	ng	0.00
45) 2-Fluorobiphenyl	12.745	172	1069046	54.482	ng	0.00
79) Terphenyl-d14	19.539	244	1232542	61.147	ng	0.00

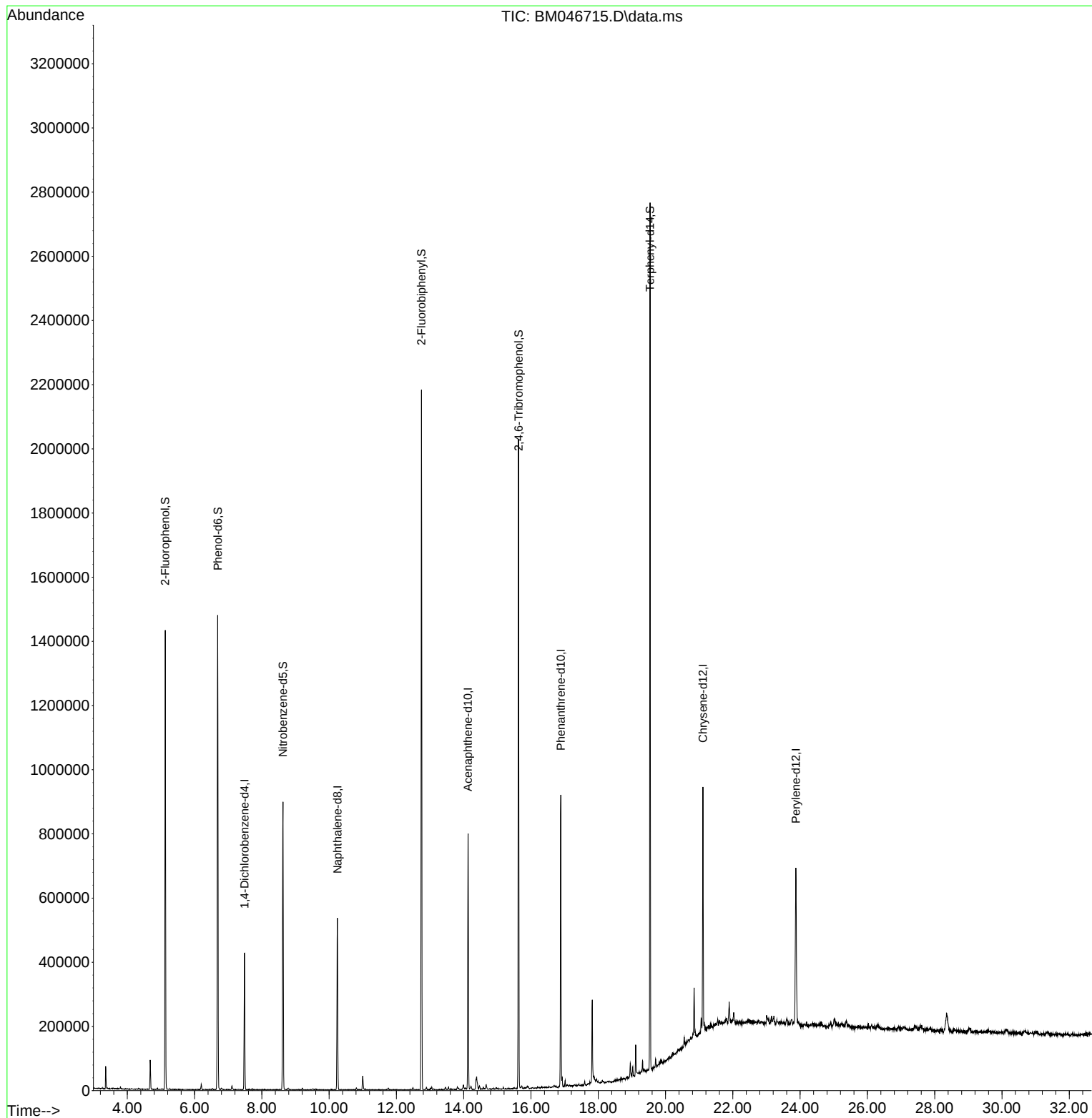
Target Compounds	Qvalue

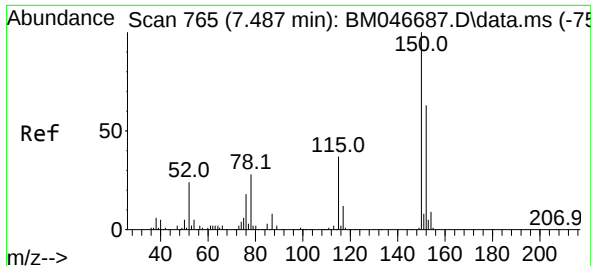
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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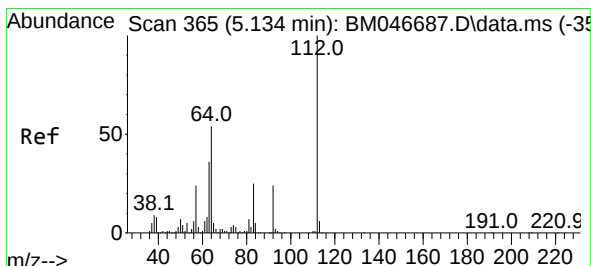
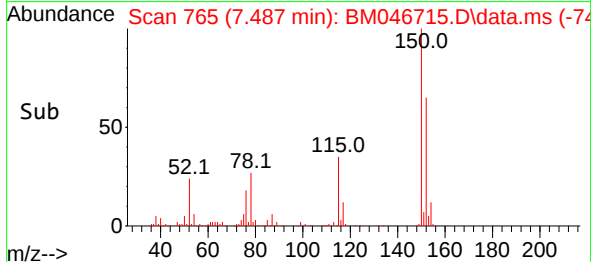
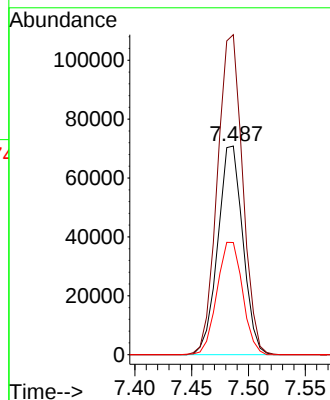
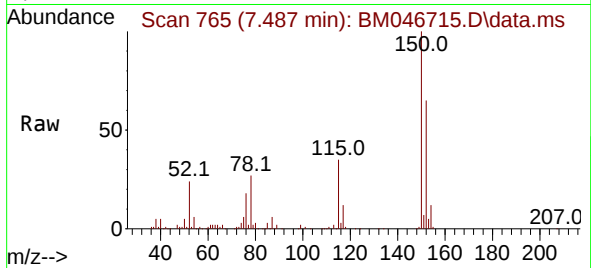




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: BM046715.D
Acq: 18 Jul 2024 23:21

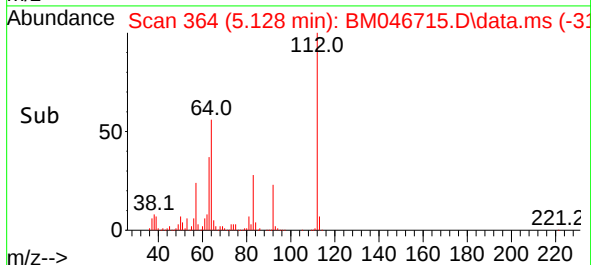
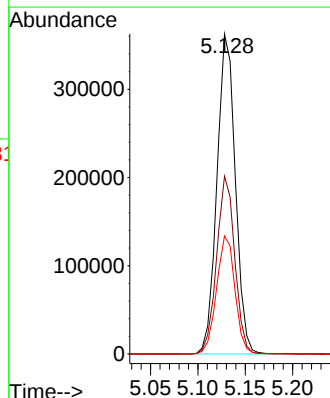
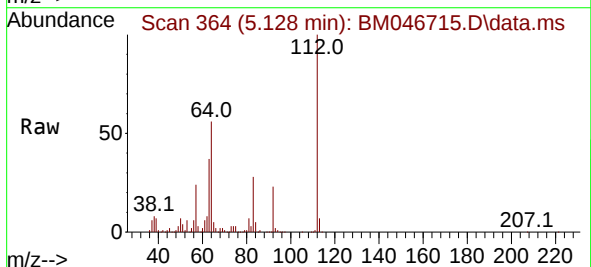
Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-04

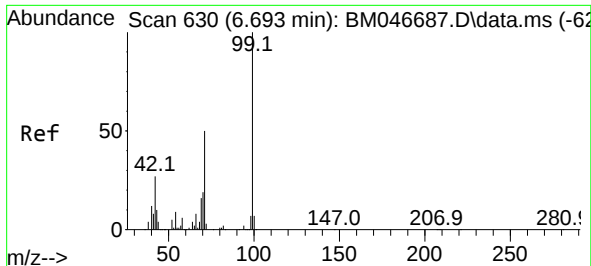
Tgt Ion:152 Resp: 108770
Ion Ratio Lower Upper
152 100
150 153.4 127.3 190.9
115 53.8 46.5 69.7



#5
2-Fluorophenol
Concen: 91.441 ng
RT: 5.128 min Scan# 364
Delta R.T. -0.006 min
Lab File: BM046715.D
Acq: 18 Jul 2024 23:21

Tgt Ion:112 Resp: 489674
Ion Ratio Lower Upper
112 100
64 55.5 43.5 65.3
63 36.9 28.6 42.8

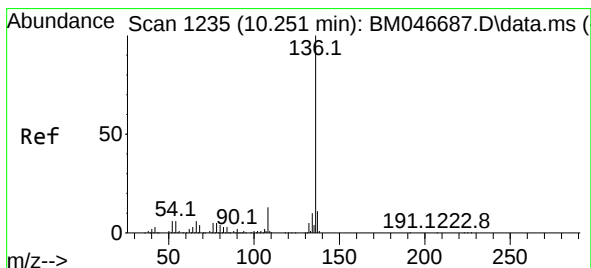
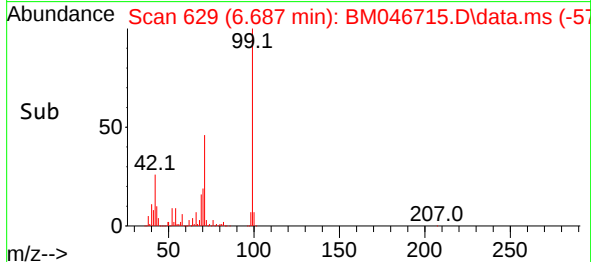
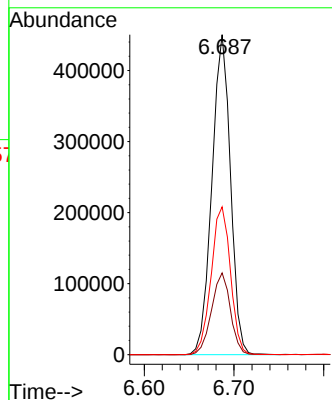
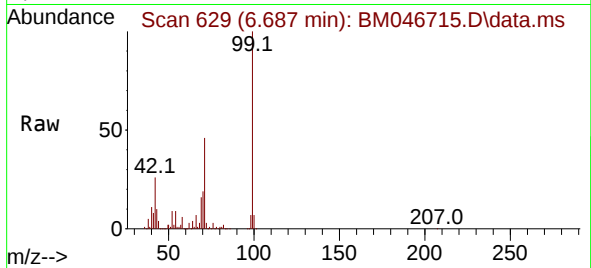




#7
Phenol-d6
Concen: 94.684 ng
RT: 6.687 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046715.D
Acq: 18 Jul 2024 23:21

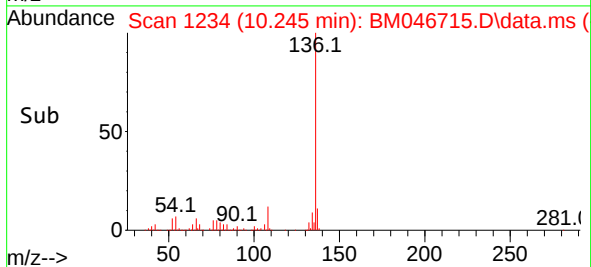
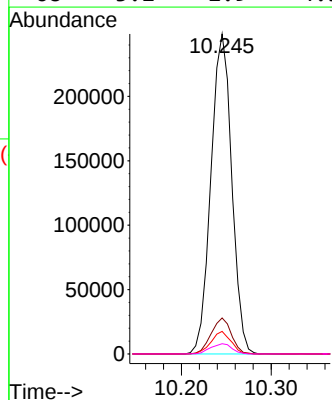
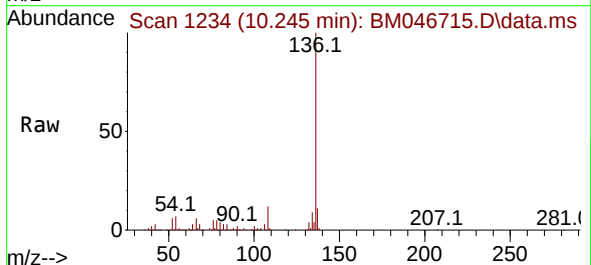
Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-04

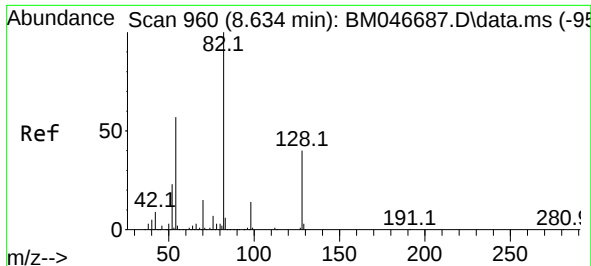
Tgt Ion: 99 Resp: 645648
Ion Ratio Lower Upper
99 100
42 25.5 21.4 32.0
71 46.2 39.9 59.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.245 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM046715.D
Acq: 18 Jul 2024 23:21

Tgt Ion: 136 Resp: 399821
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.0 5.1 7.7
68 3.2 2.9 4.3

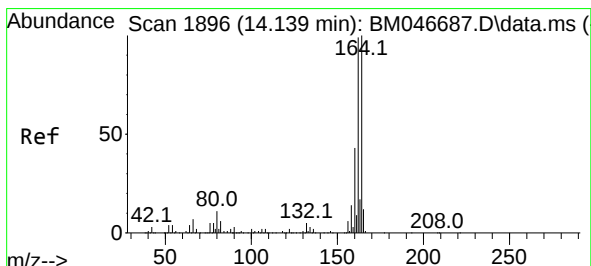
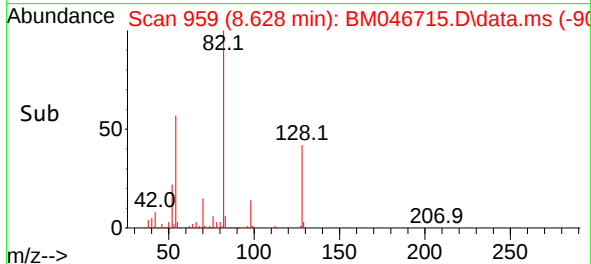
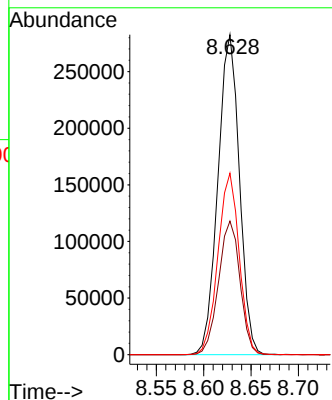
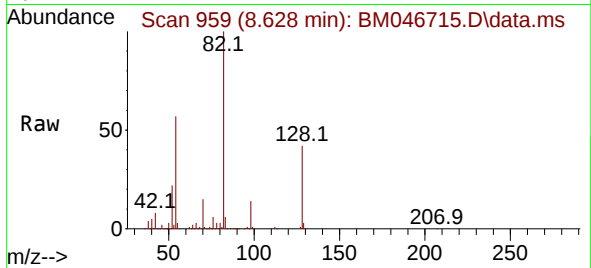




#23
Nitrobenzene-d5
Concen: 57.958 ng
RT: 8.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM046715.D
Acq: 18 Jul 2024 23:21

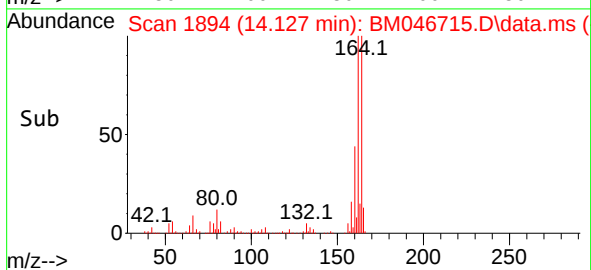
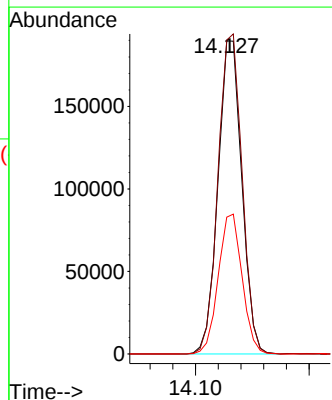
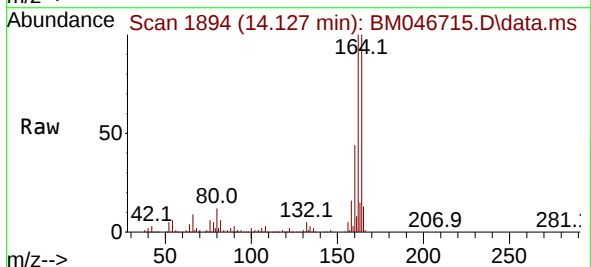
Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-04

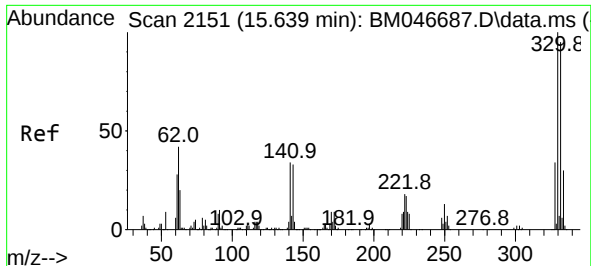
Tgt Ion: 82 Resp: 446317
Ion Ratio Lower Upper
82 100
128 41.7 32.0 48.0
54 56.7 45.2 67.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.127 min Scan# 1894
Delta R.T. -0.012 min
Lab File: BM046715.D
Acq: 18 Jul 2024 23:21

Tgt Ion:164 Resp: 277167
Ion Ratio Lower Upper
164 100
162 100.3 79.0 118.6
160 43.7 34.6 51.8

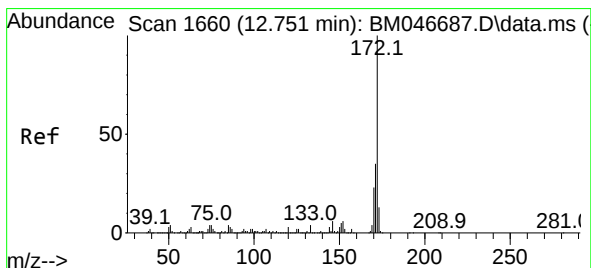
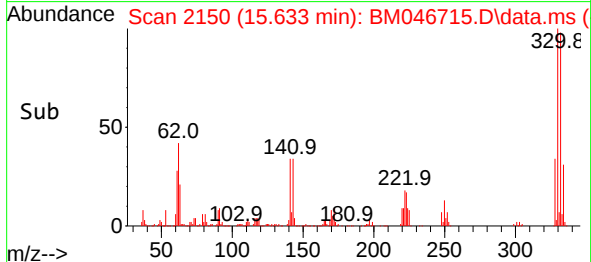
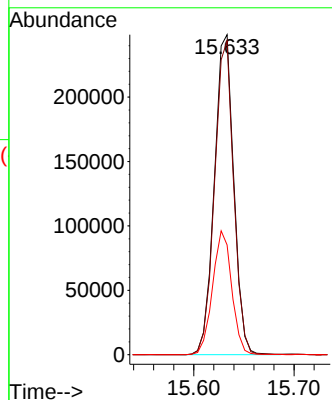
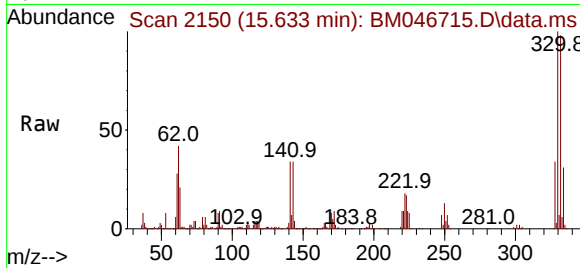




#42
2,4,6-Tribromophenol
Concen: 77.669 ng
RT: 15.633 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM046715.D
Acq: 18 Jul 2024 23:21

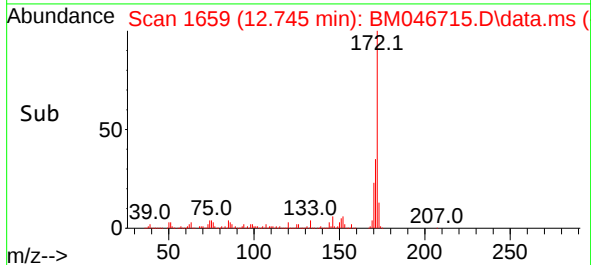
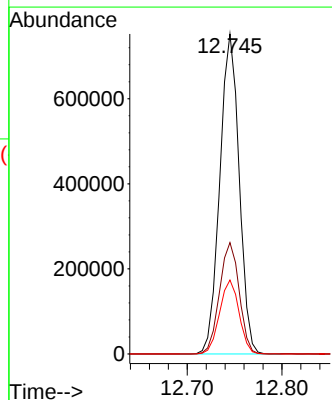
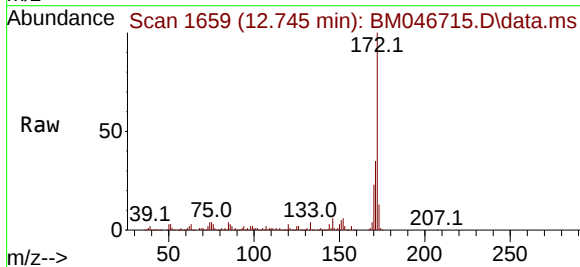
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WC-CTW2-BL-04

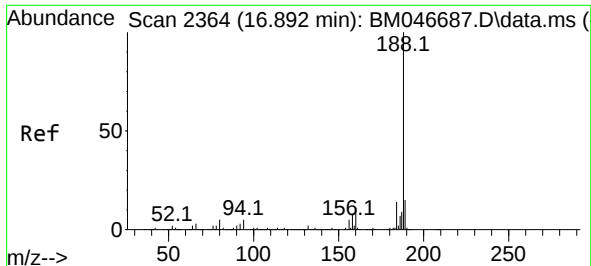
Tgt Ion:330 Resp: 333908
Ion Ratio Lower Upper
330 100
332 96.5 75.5 113.3
141 38.3 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 54.482 ng
RT: 12.745 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BM046715.D
Acq: 18 Jul 2024 23:21

Tgt Ion:172 Resp: 1069046
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.1 18.5 27.7

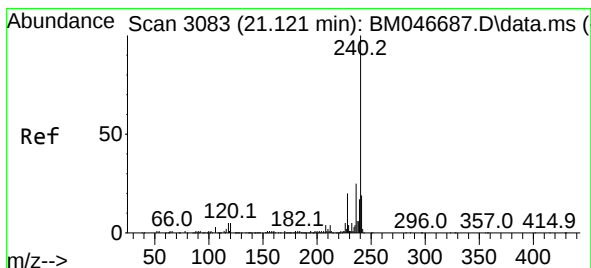
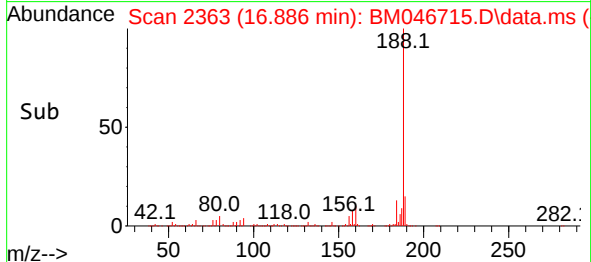
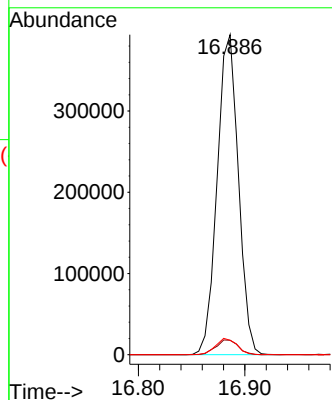
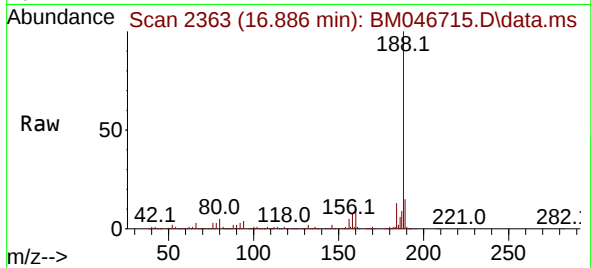




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.886 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046715.D
Acq: 18 Jul 2024 23:21

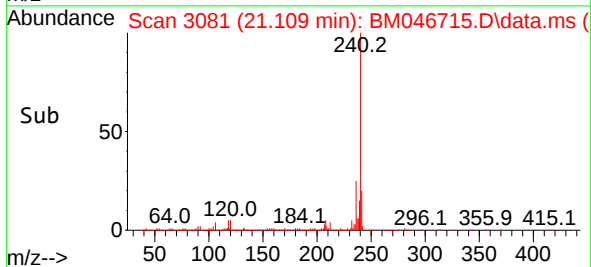
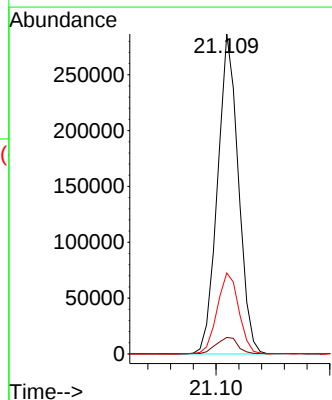
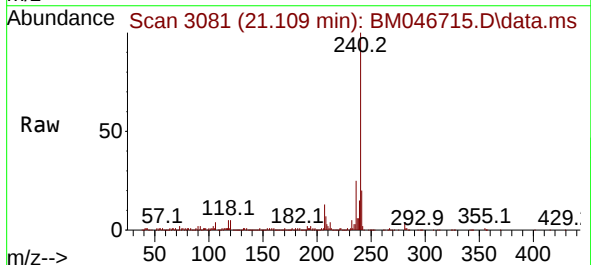
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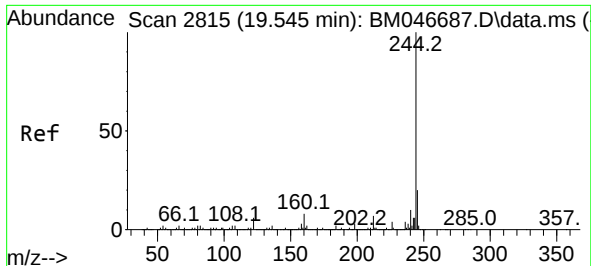
Tgt Ion:188 Resp: 544891
Ion Ratio Lower Upper
188 100
94 4.5 3.8 5.6
80 4.5 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.109 min Scan# 3081
Delta R.T. -0.012 min
Lab File: BM046715.D
Acq: 18 Jul 2024 23:21

Tgt Ion:240 Resp: 364521
Ion Ratio Lower Upper
240 100
120 5.2 3.9 5.9
236 25.3 20.2 30.2

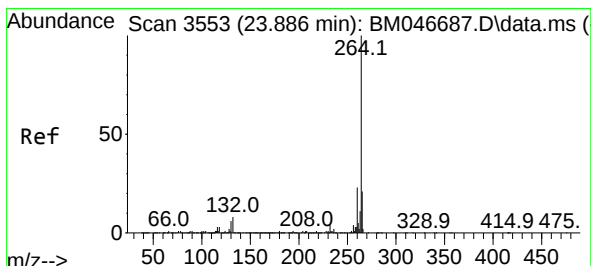
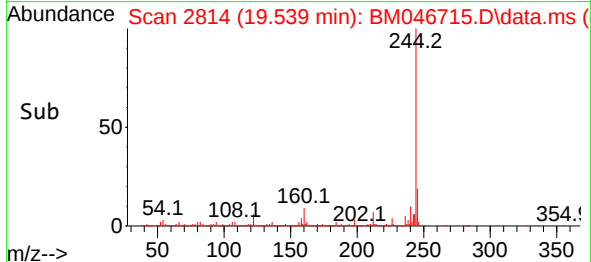
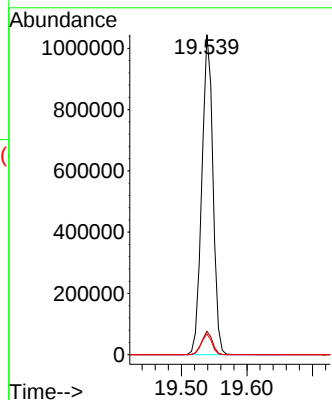
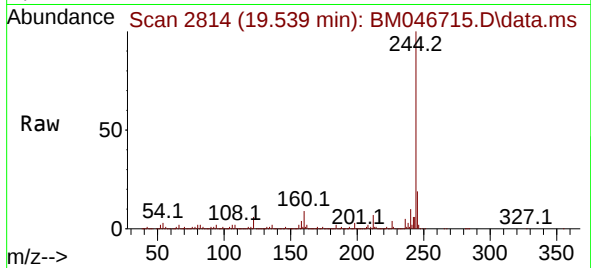




#79
 Terphenyl-d14
 Concen: 61.147 ng
 RT: 19.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM046715.D
 Acq: 18 Jul 2024 23:21

Instrument :
 BNA_M
 ClientSampleId :
 WC-CTW2-BL-04

Tgt Ion:244 Resp: 1232542
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 6.5 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.874 min Scan# 3551
 Delta R.T. -0.012 min
 Lab File: BM046715.D
 Acq: 18 Jul 2024 23:21

Tgt Ion:264 Resp: 442021
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.1 27.1
 265 23.5 16.9 25.3

