

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046356.D
 Acq On : 28 Jun 2024 17:23
 Operator : MA/JU
 Sample : P3049-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SHOP-RAG-DRUM

Quant Time: Jun 28 18:28:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	161166	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	637977	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	344793	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	585439	20.000	ng	0.00
76) Chrysene-d12	20.992	240	391731	20.000	ng	0.00
86) Perylene-d12	23.662	264	478352	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.058	112	65098	6.493	ng	0.00
7) Phenol-d6	6.646	99	82470	5.790	ng	0.01
23) Nitrobenzene-d5	8.540	82	67585	4.392	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	8651	2.063	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	128037	5.033	ng	0.00
79) Terphenyl-d14	19.421	244	126434	5.340	ng	-0.01

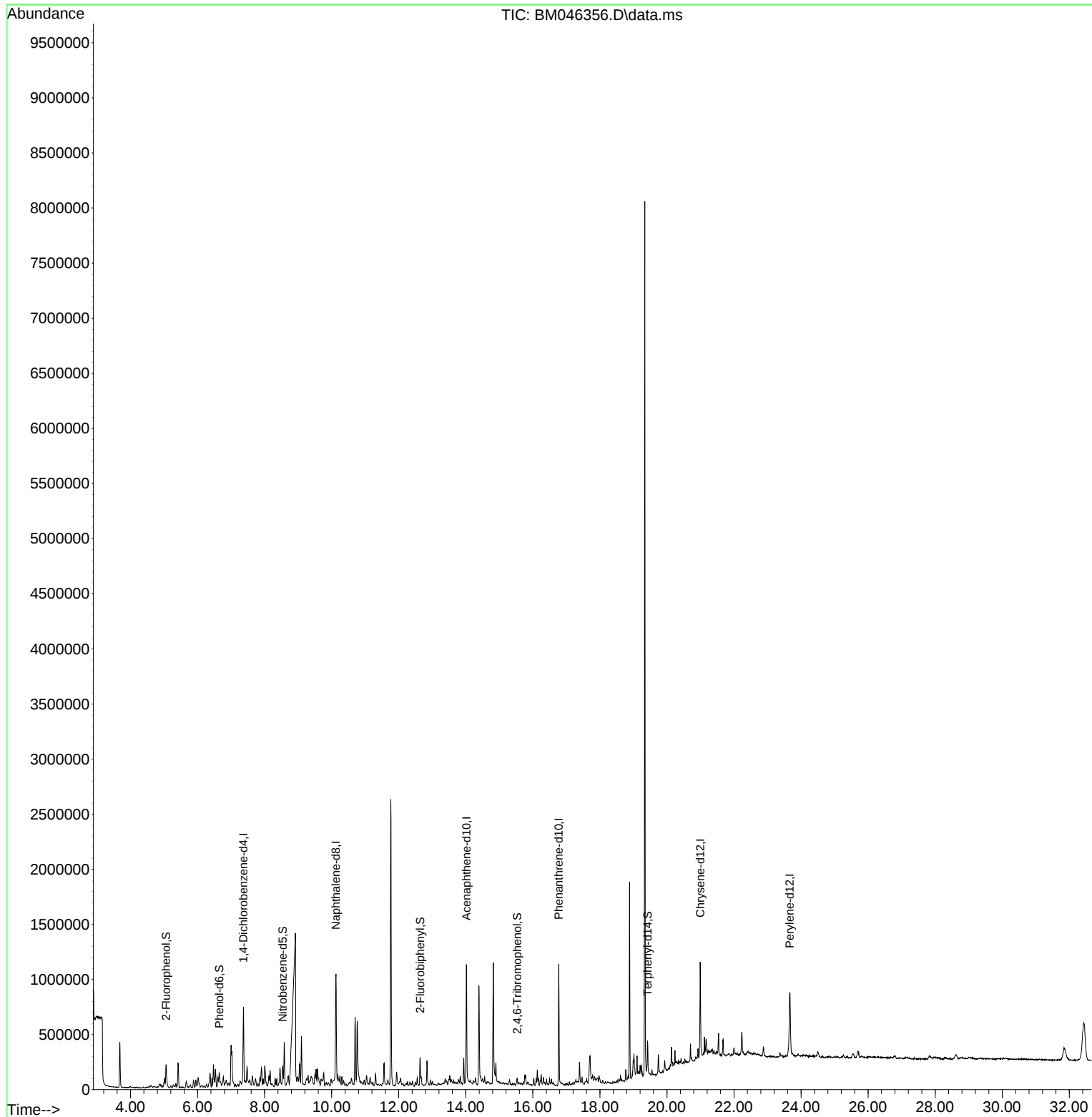
Target Compounds	Qvalue

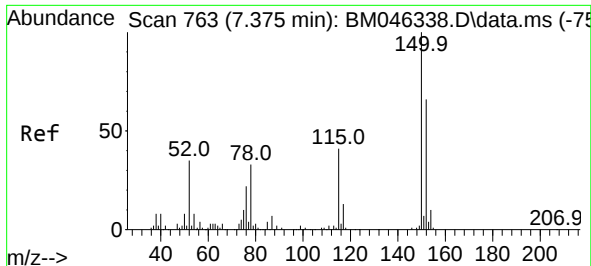
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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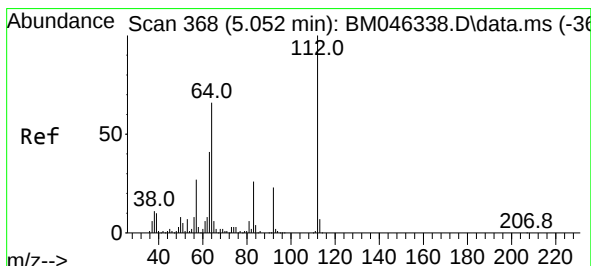
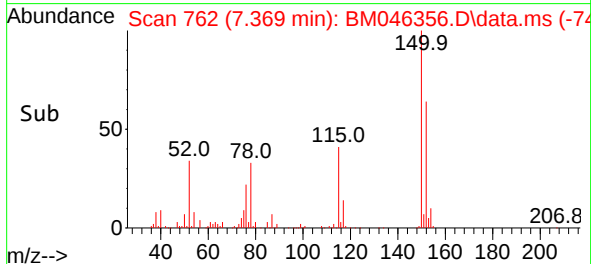
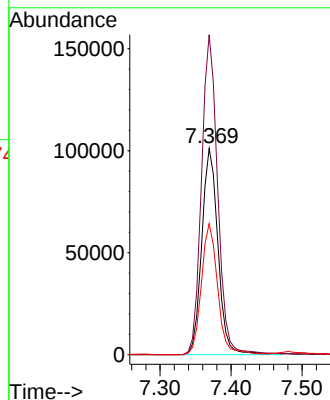
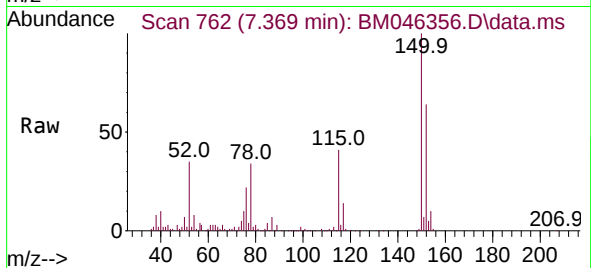




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

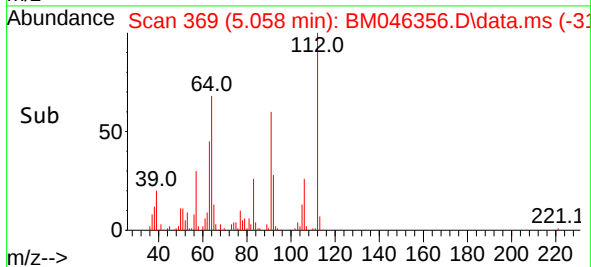
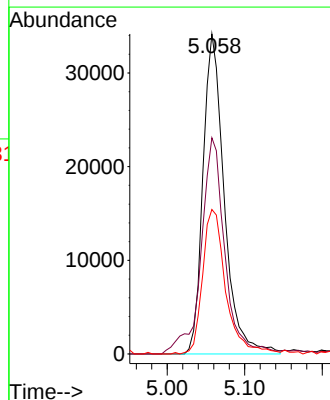
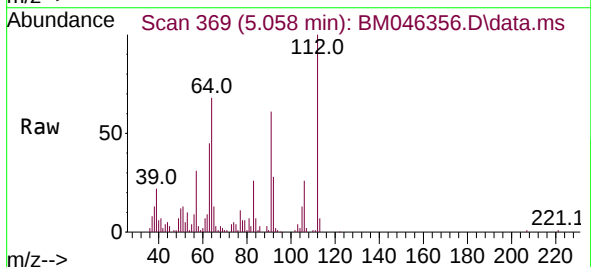
Instrument :
BNA_M
ClientSampleId :
SHOP-RAG-DRUM

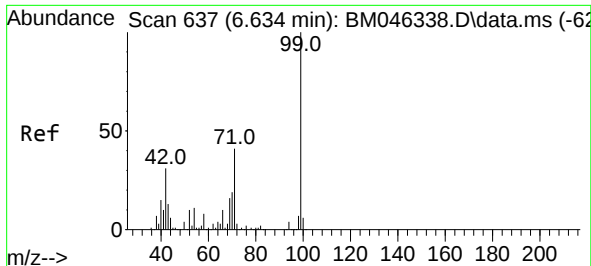
Tgt Ion:152 Resp: 161166
Ion Ratio Lower Upper
152 100
150 155.1 122.1 183.1
115 63.5 50.2 75.4



#5
2-Fluorophenol
Concen: 6.493 ng
RT: 5.058 min Scan# 369
Delta R.T. 0.006 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

Tgt Ion:112 Resp: 65098
Ion Ratio Lower Upper
112 100
64 67.5 52.8 79.2
63 45.1 32.9 49.3

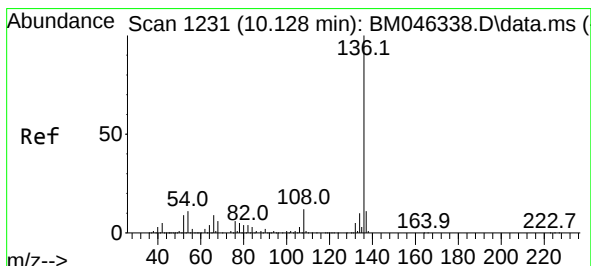
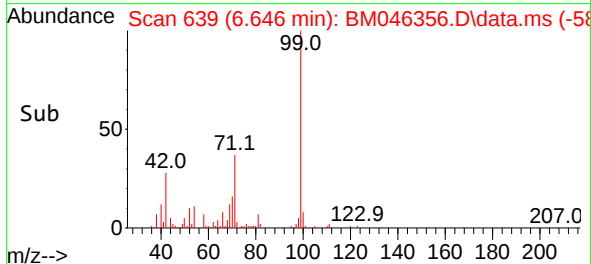
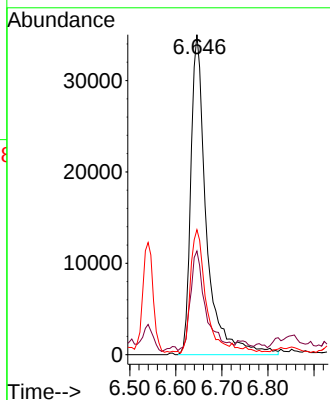
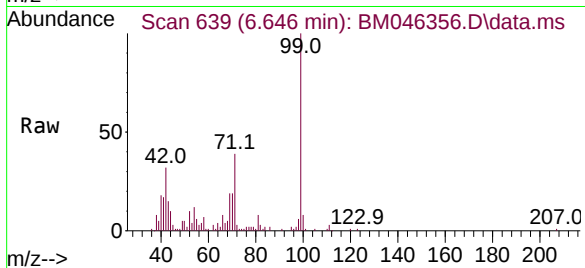




#7
Phenol-d6
Concen: 5.790 ng
RT: 6.646 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

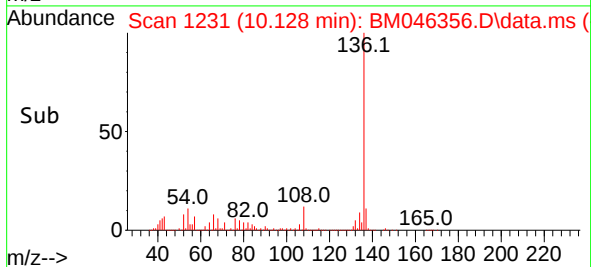
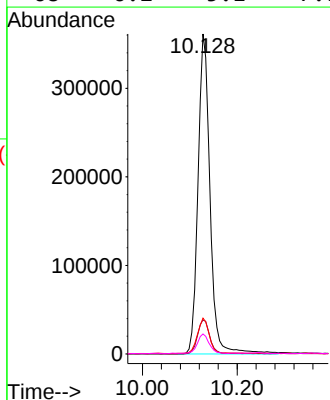
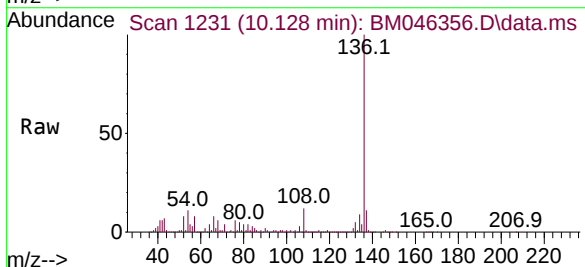
Instrument :
BNA_M
ClientSampleId :
SHOP-RAG-DRUM

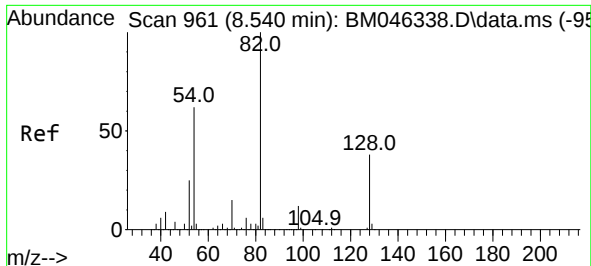
Tgt Ion: 99 Resp: 82470
Ion Ratio Lower Upper
99 100
42 32.4 24.8 37.2
71 39.1 33.1 49.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

Tgt Ion: 136 Resp: 637977
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 11.2 9.0 13.4
68 6.2 5.1 7.7

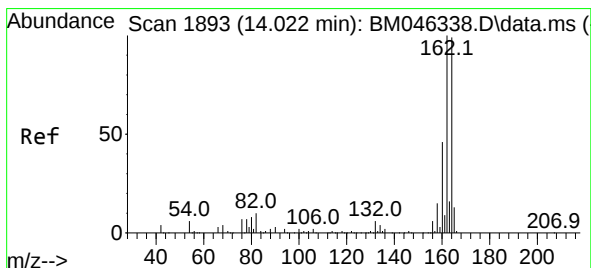
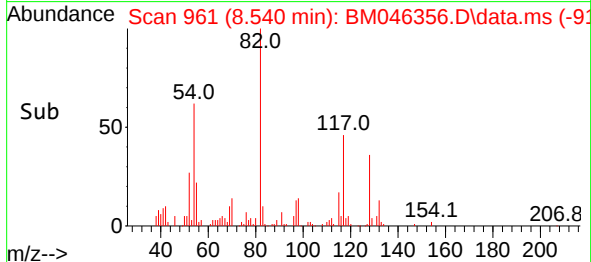
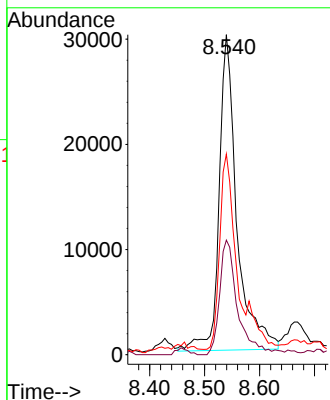
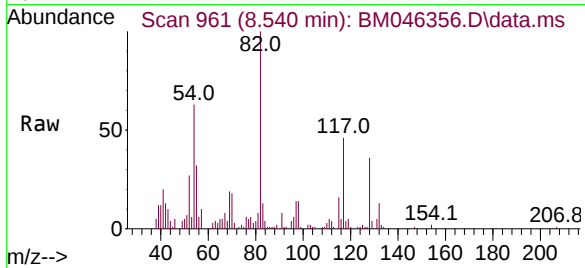




#23
Nitrobenzene-d5
Concen: 4.392 ng
RT: 8.540 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

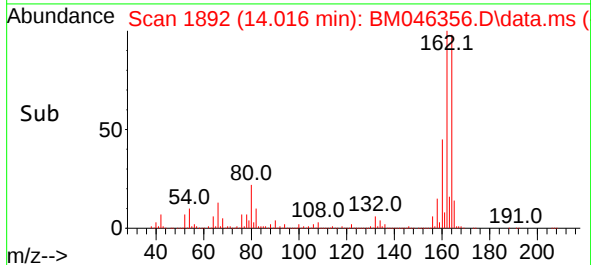
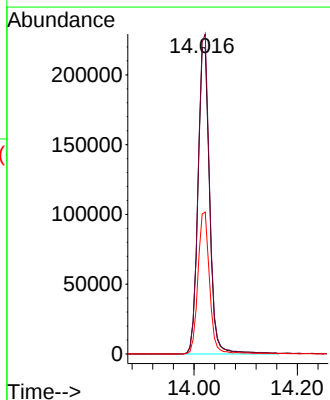
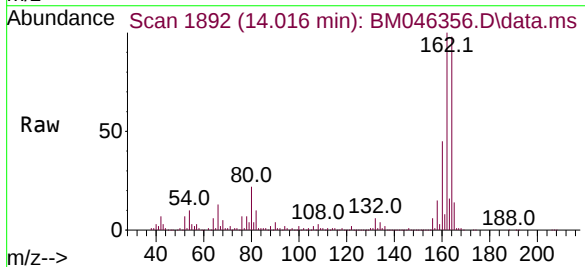
Instrument :
BNA_M
ClientSampleId :
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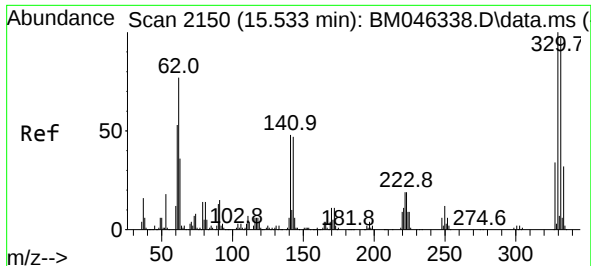
Tgt Ion: 82 Resp: 67585
Ion Ratio Lower Upper
82 100
128 35.8 30.6 46.0
54 62.7 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

Tgt Ion: 164 Resp: 344793
Ion Ratio Lower Upper
164 100
162 101.8 80.5 120.7
160 45.7 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 2.063 ng

RT: 15.533 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046356.D

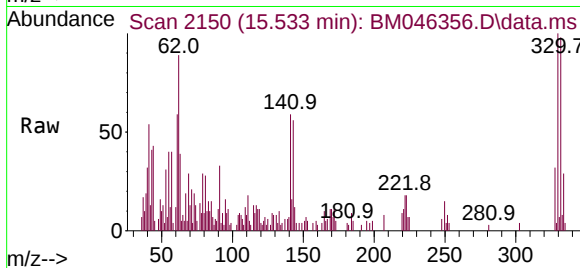
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Instrument :

BNA_M

ClientSampleId :

SHOP-RAG-DRUM



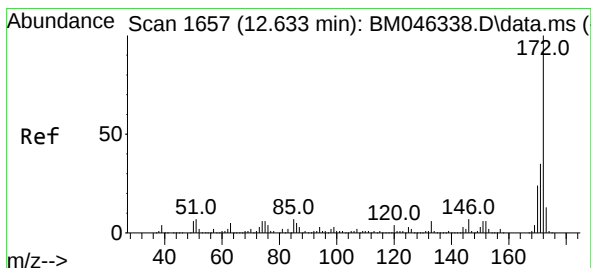
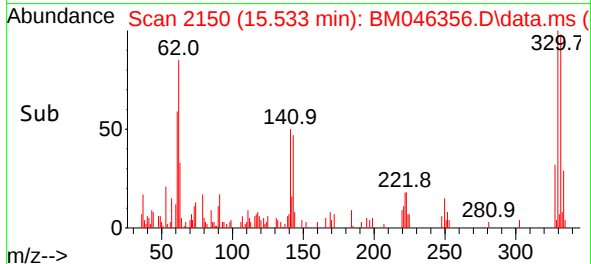
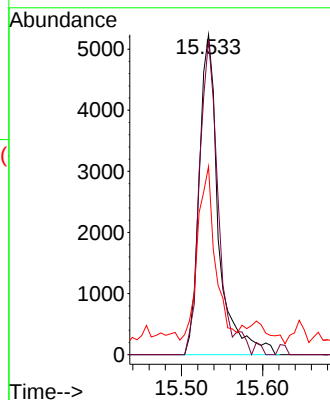
Tgt Ion:330 Resp: 8651

Ion Ratio Lower Upper

330 100

332 95.2 77.8 116.6

141 51.2 43.2 64.8



#45

2-Fluorobiphenyl

Concen: 5.033 ng

RT: 12.639 min Scan# 1658

Delta R.T. 0.006 min

Lab File: BM046356.D

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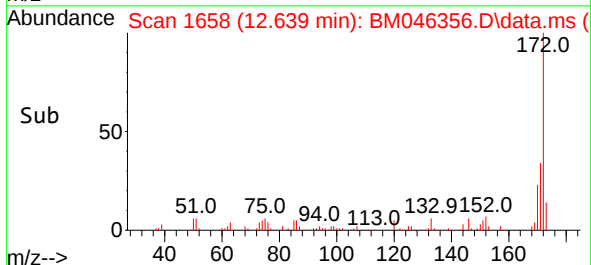
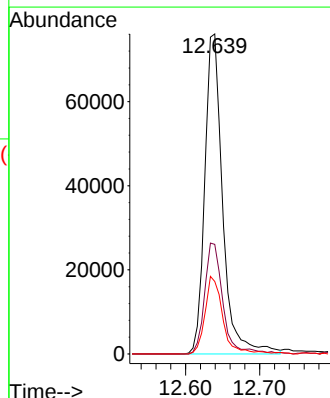
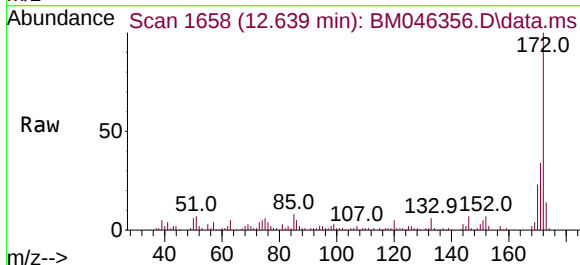
Tgt Ion:172 Resp: 128037

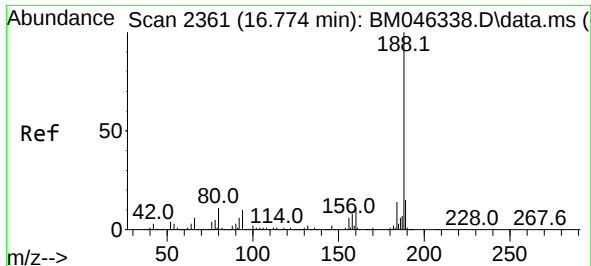
Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 22.7 19.4 29.0

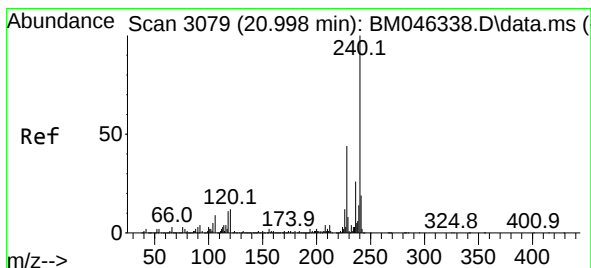
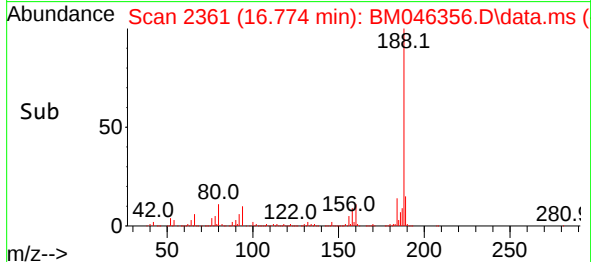
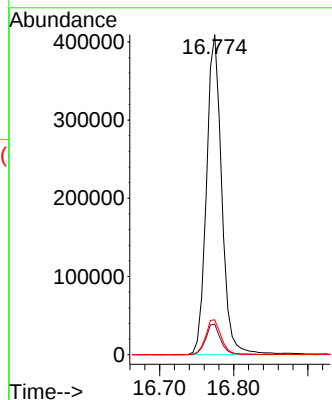
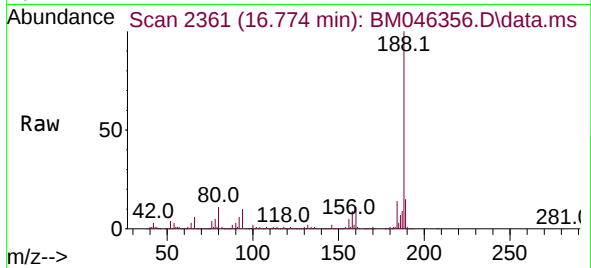




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

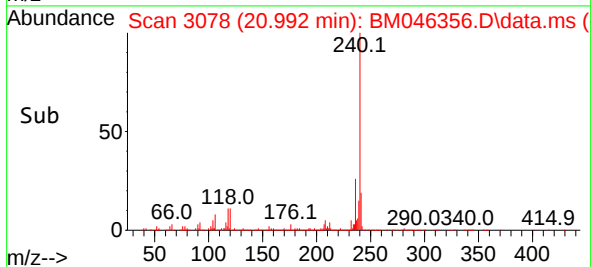
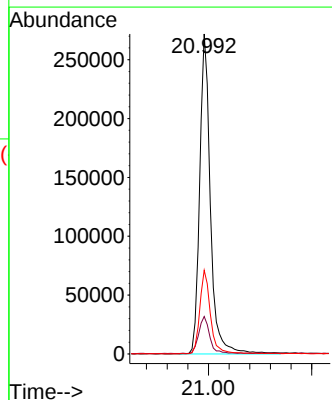
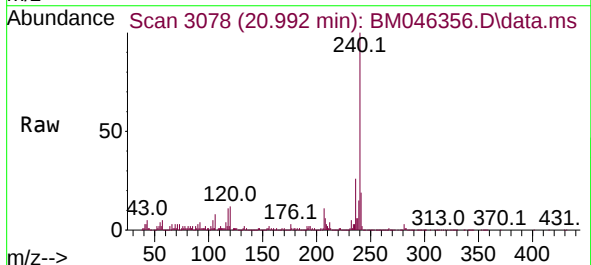
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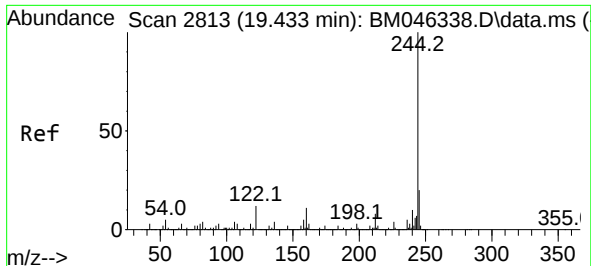
Tgt Ion:188 Resp: 585439
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.992 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

Tgt Ion:240 Resp: 391731
Ion Ratio Lower Upper
240 100
120 11.7 9.3 13.9
236 26.2 20.5 30.7

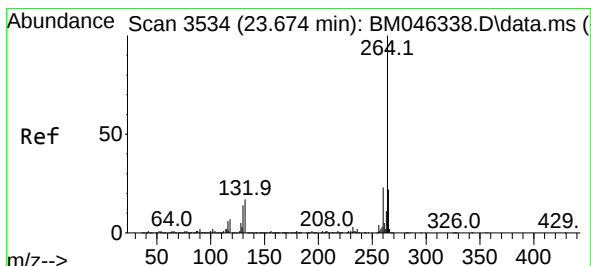
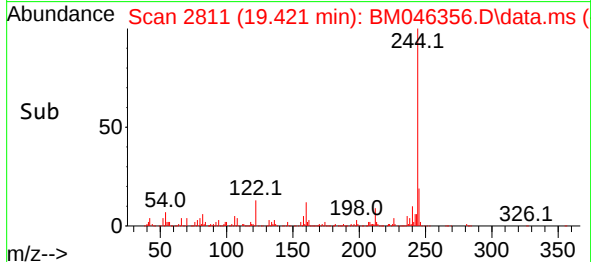
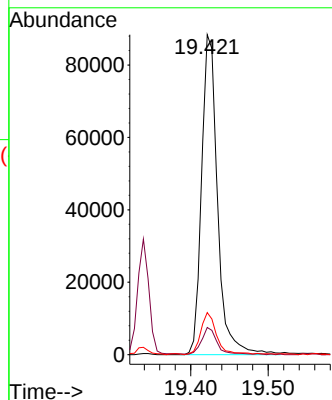
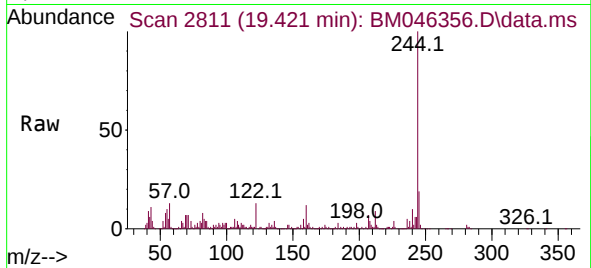




#79
 Terphenyl-d14
 Concen: 5.340 ng
 RT: 19.421 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM046356.D
 Acq: 28 Jun 2024 17:23

Instrument :
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Tgt Ion:244 Resp: 126434
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 13.2 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.662 min Scan# 3532
 Delta R.T. -0.012 min
 Lab File: BM046356.D
 Acq: 28 Jun 2024 17:23

Tgt Ion:264 Resp: 478352
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 21.7 17.7 26.5

