

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)

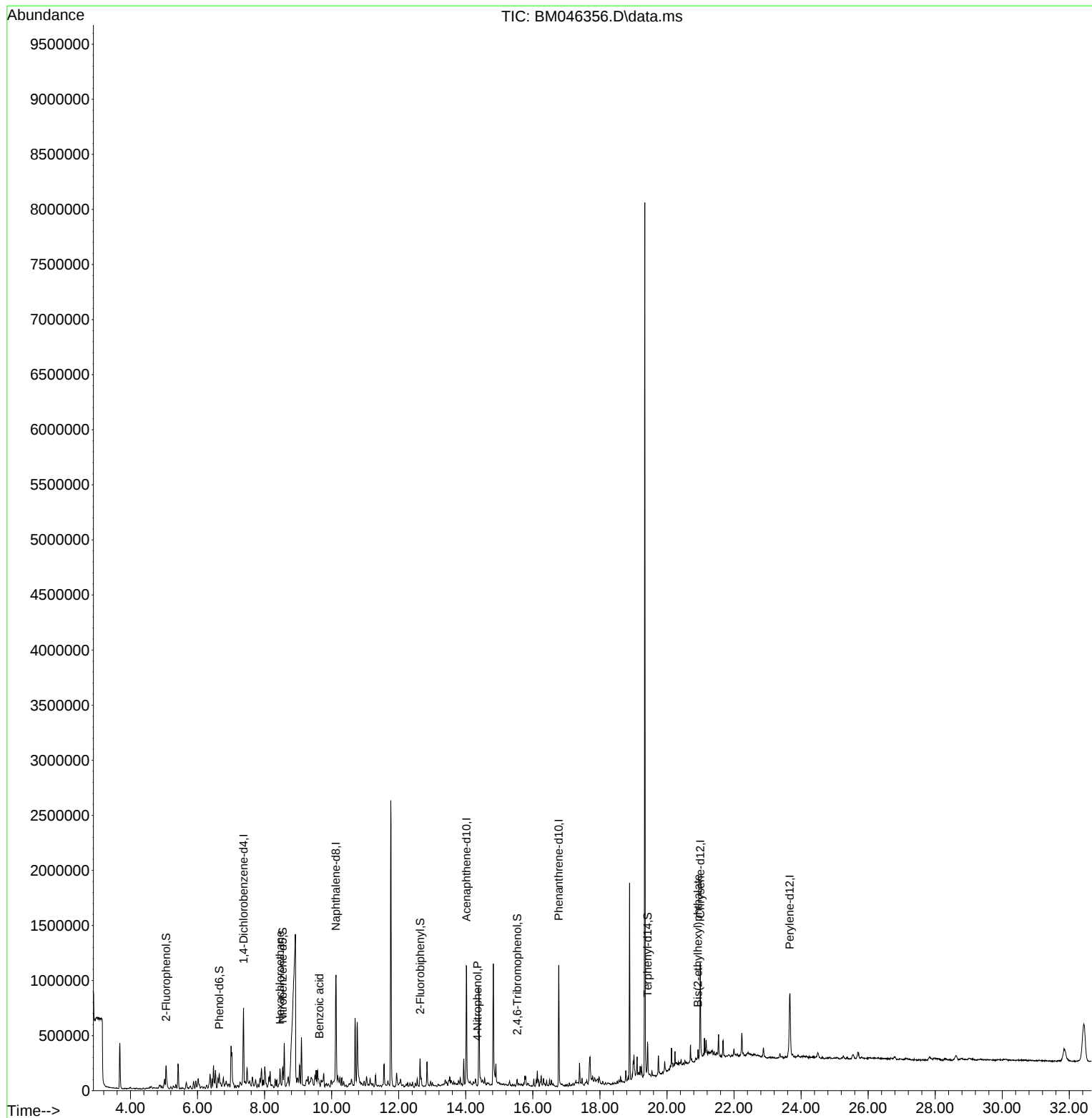
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	161166	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	637977	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	344793	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	585439	20.000	ng	0.00
76) Chrysene-d12	20.992	240	391731	20.000	ng	0.00
86) Perylene-d12	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	
18) Hexachloroethane	8.457	117	15990	2.785	ng	# 1
32) Benzoic acid	9.634	122	194	2.707	ng	# 1
56) 4-Nitrophenol	14.345	139	178	3.682	ng	# 1
84) Bis(2-ethylhexyl)phtha...	20.921	149	3288	2.581	ng	# 89

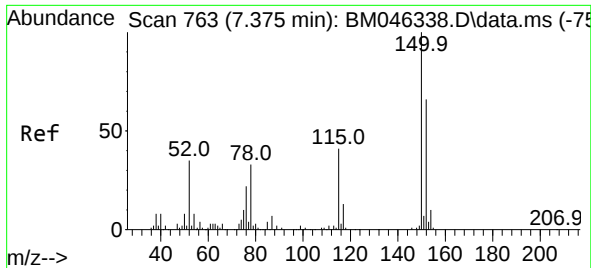
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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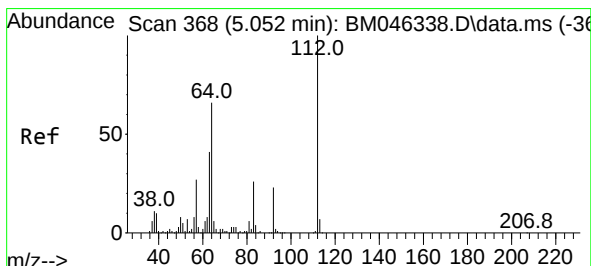
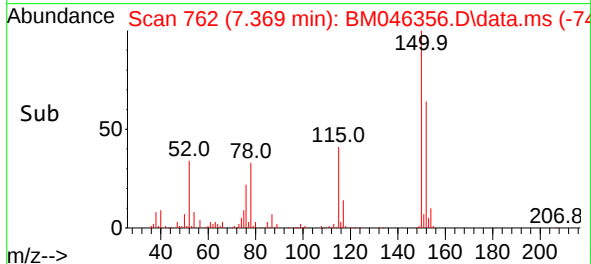
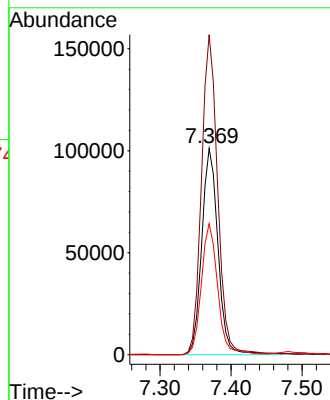
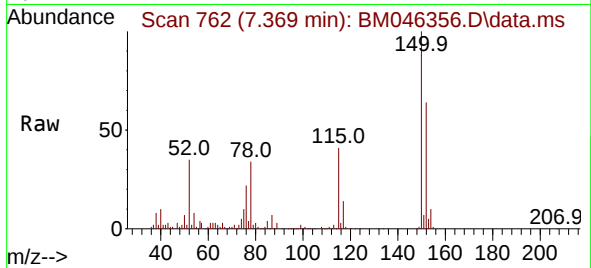




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

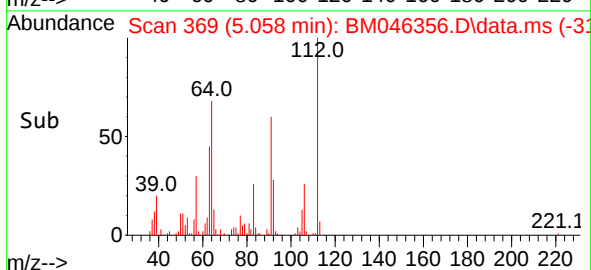
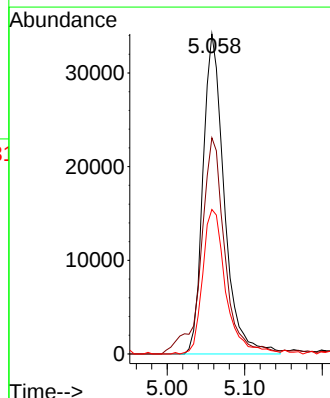
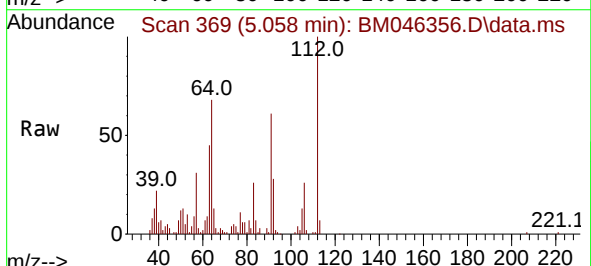
Instrument :
BNA_M
ClientSampleId :
SHOP-RAG-DRUM

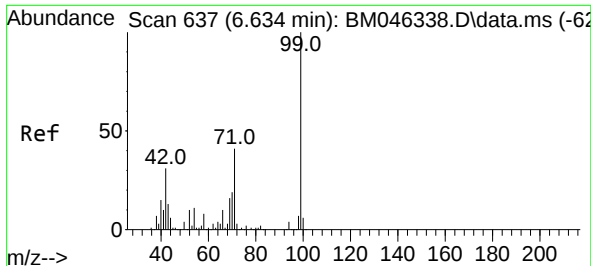
Tgt Ion:152 Resp: 161166
Ion Ratio Lower Upper
152 100
150 155.1 122.1 183.1
115 63.5 50.2 75.4



#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

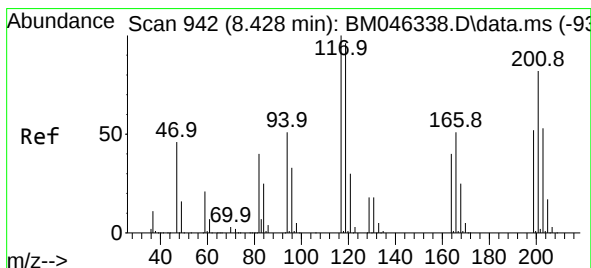
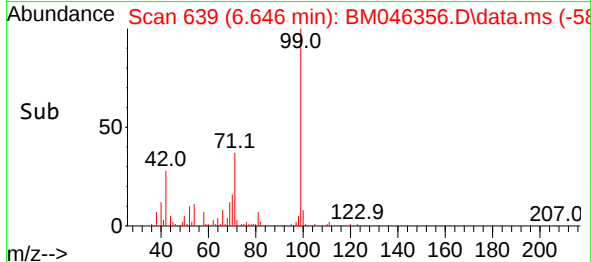
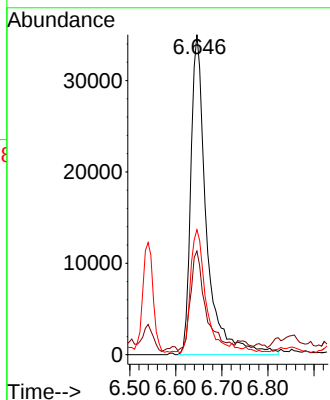
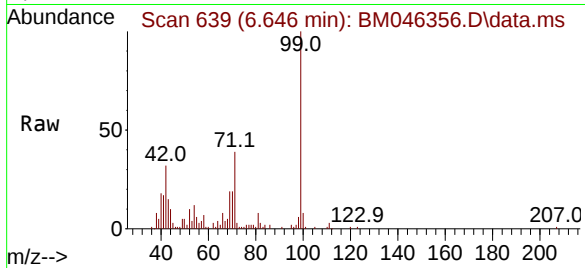




#7
Phenol-d6
Concen: 5.790 ng
RT: 6.646 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

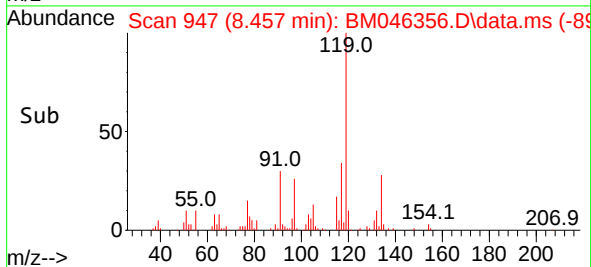
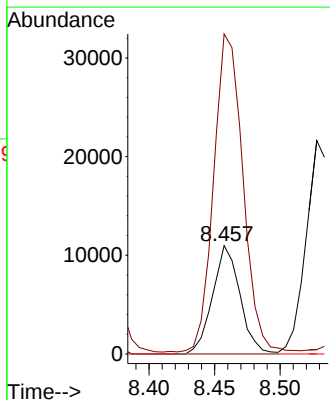
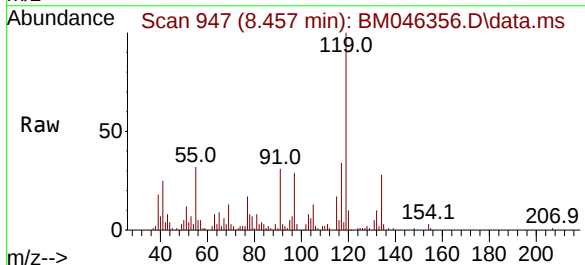
Instrument :
BNA_M
ClientSampleId :
SHOP-RAG-DRUM

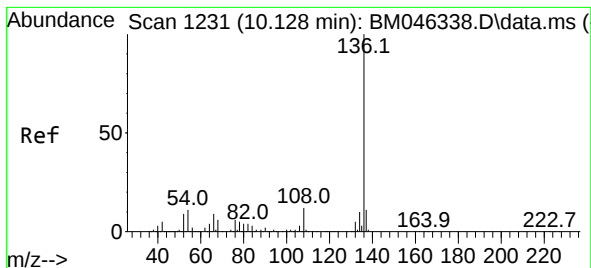
Tgt Ion: 99 Resp: 82470
Ion Ratio Lower Upper
99 100
42 32.4 24.8 37.2
71 39.1 33.1 49.7



#18
Hexachloroethane
Concen: 2.785 ng
RT: 8.457 min Scan# 947
Delta R.T. 0.029 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

Tgt Ion: 117 Resp: 15990
Ion Ratio Lower Upper
117 100
119 295.4 76.9 115.3#
201 0.0 67.2 100.8#

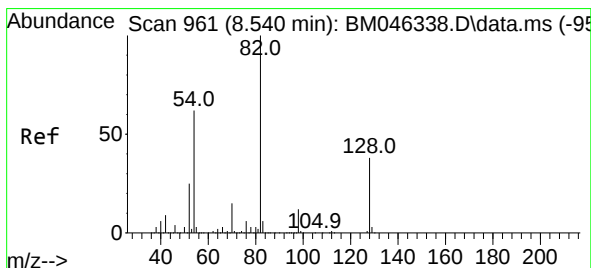
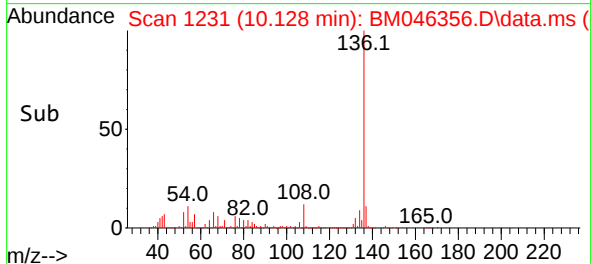
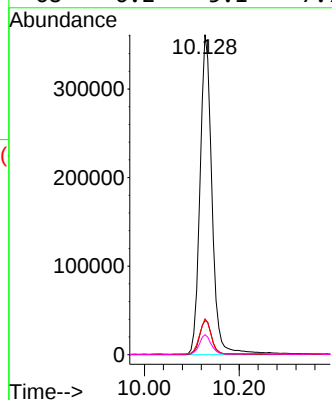
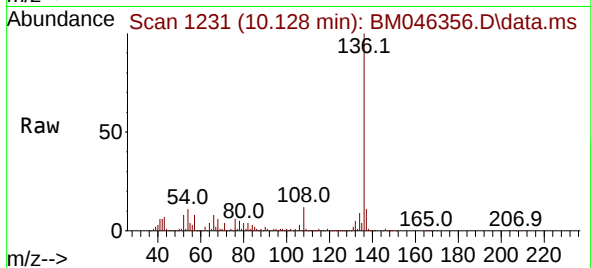




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

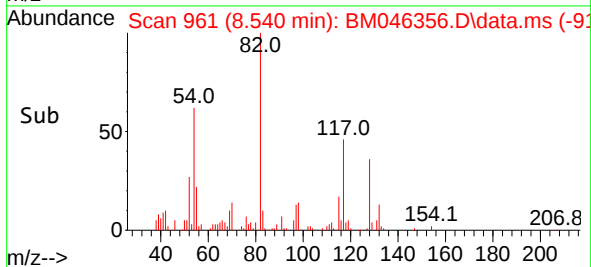
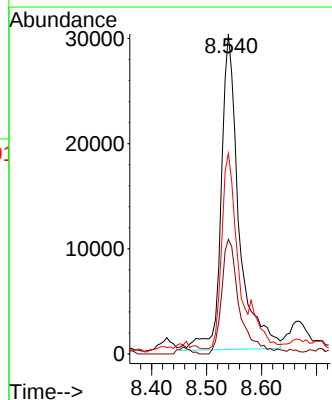
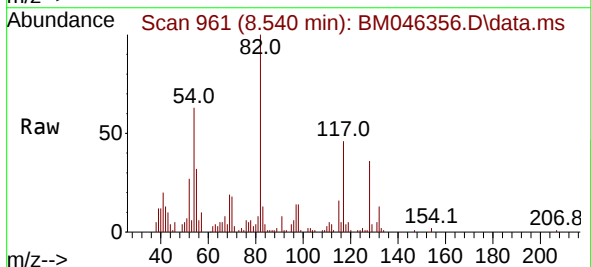
Instrument :
BNA_M
ClientSampleId :
SHOP-RAG-DRUM

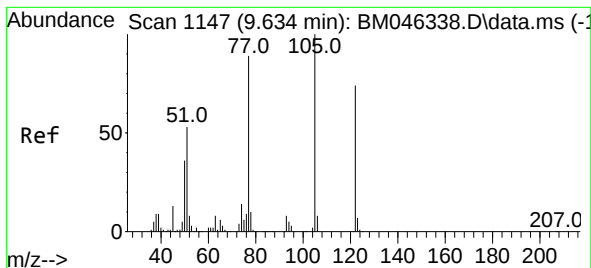
Tgt Ion:136 Resp: 637977
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 11.2 9.0 13.4
68 6.2 5.1 7.7



#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

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





#32

Benzoic acid

Concen: 2.707 ng

RT: 9.634 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BM046356.D

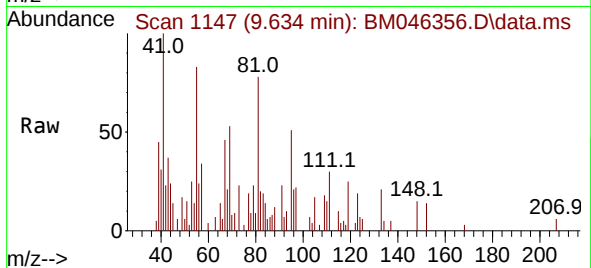
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Instrument :

BNA_M

ClientSampleId :

SHOP-RAG-DRUM



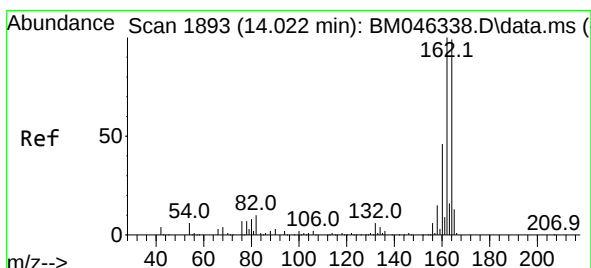
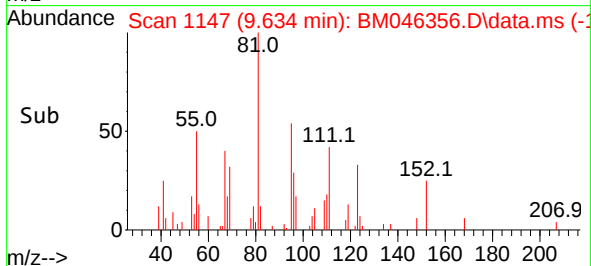
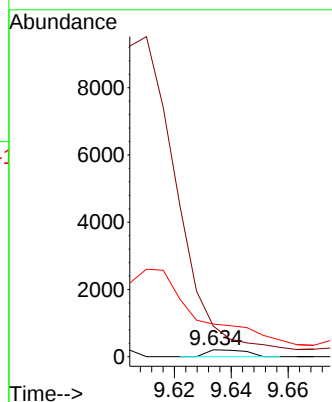
Tgt Ion:122 Resp: 194

Ion Ratio Lower Upper

122 100

105 440.8 115.0 155.0#

77 472.3 100.1 140.1#



#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

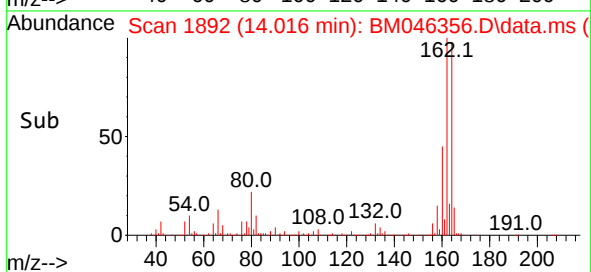
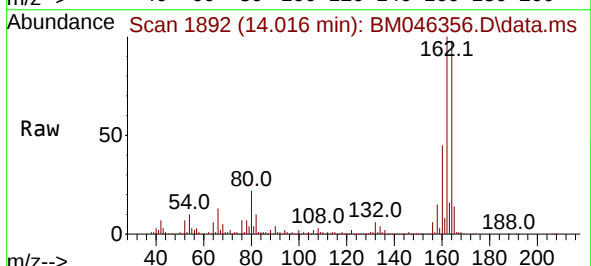
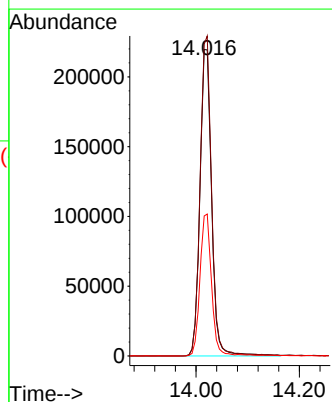
Tgt Ion:164 Resp: 344793

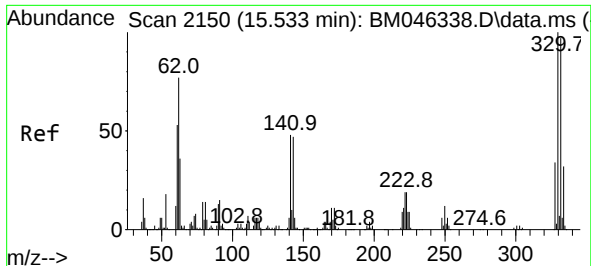
Ion Ratio Lower Upper

164 100

162 101.8 80.5 120.7

160 45.7 37.0 55.6

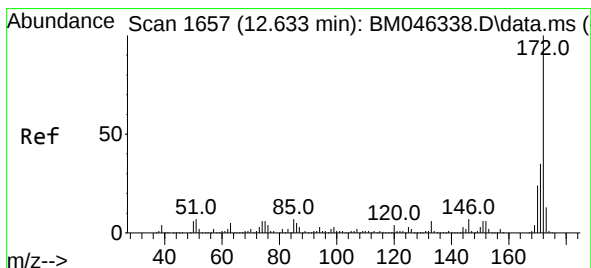
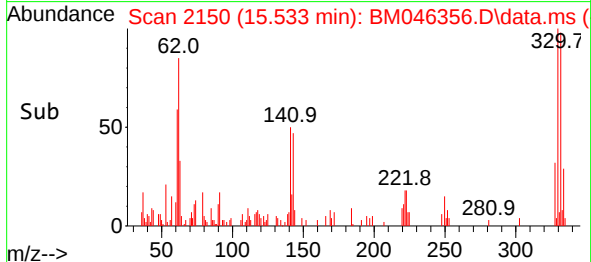
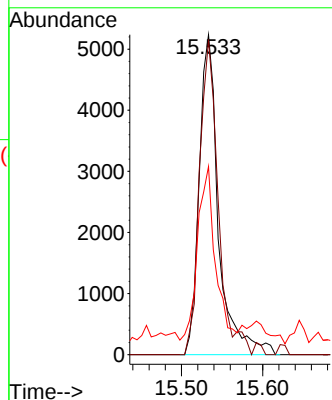
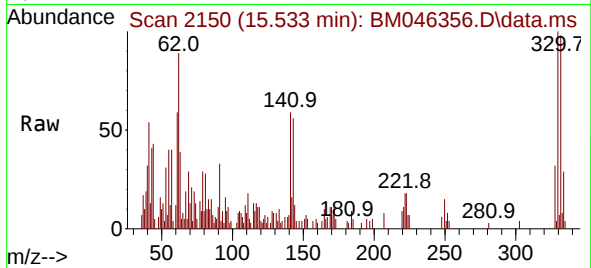




#42
2,4,6-Tribromophenol
Concen: 2.063 ng
RT: 15.533 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

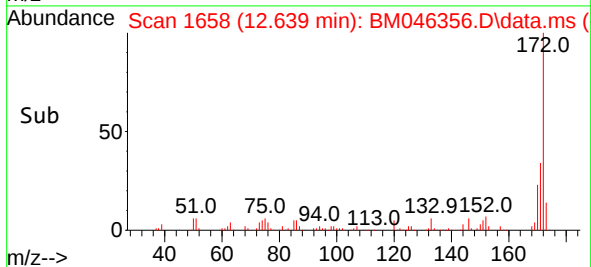
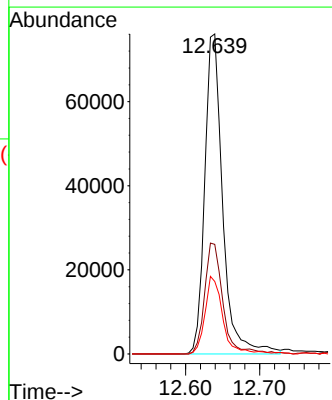
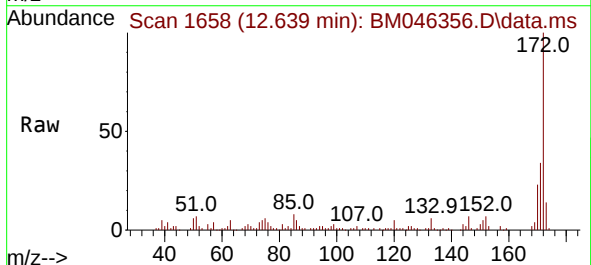
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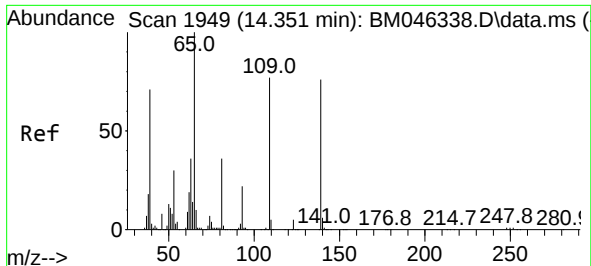
Tgt Ion:330 Resp: 8651
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.6
141 51.2 43.2 64.8



#45
2-Fluorobiphenyl
Concen: 5.033 ng
RT: 12.639 min Scan# 1658
Delta R.T. 0.006 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

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

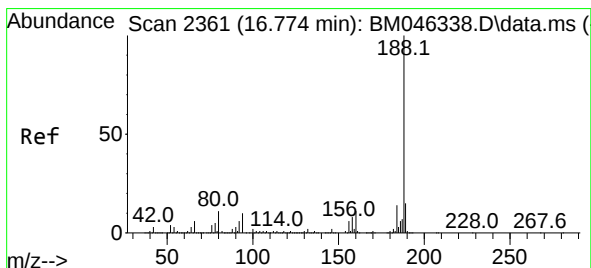
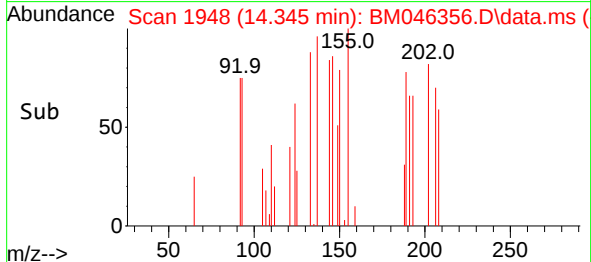
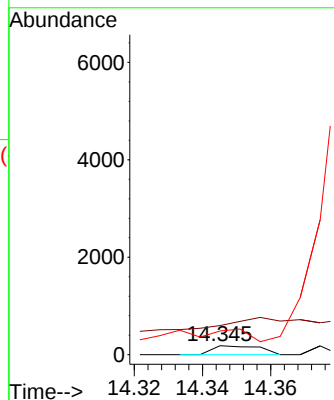
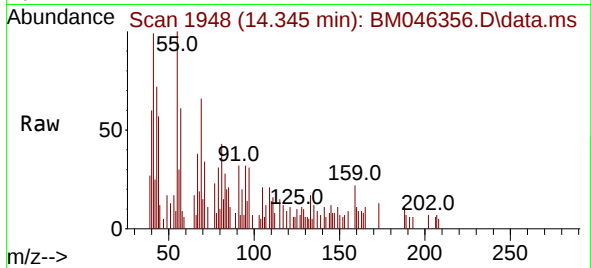




#56
4-Nitrophenol
Concen: 3.682 ng
RT: 14.345 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

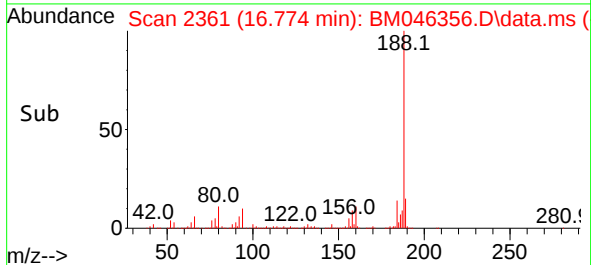
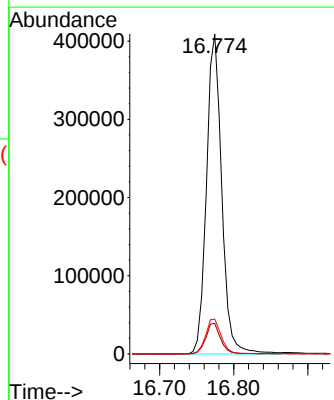
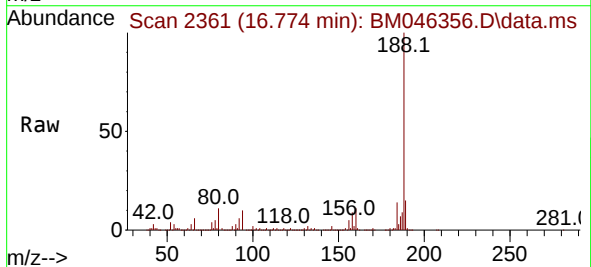
Instrument :
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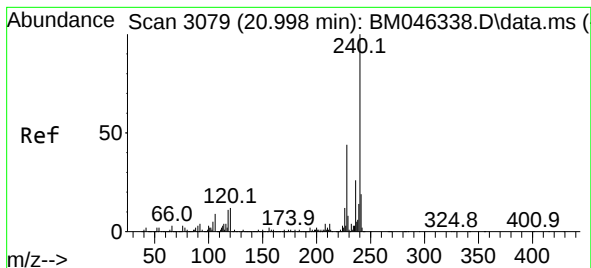
Tgt Ion:139 Resp: 178
Ion Ratio Lower Upper
139 100
109 325.0 82.0 122.0#
65 263.6 112.0 152.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM046356.D
Acq: 28 Jun 2024 17:23

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# 3079

Delta R.T. -0.006 min

Lab File: BM046356.D

Acq: 28 Jun 2024 17:23

Instrument :

BNA_M

ClientSampleId :

SHOP-RAG-DRUM

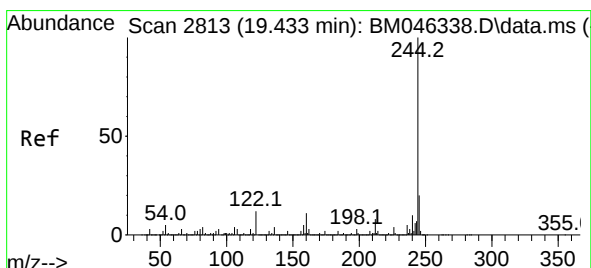
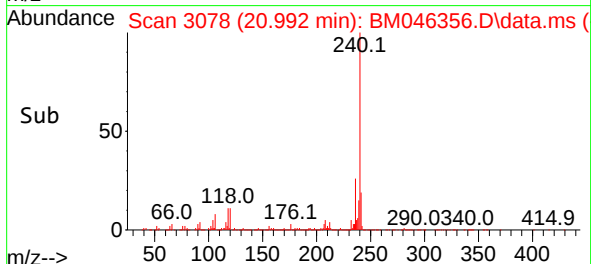
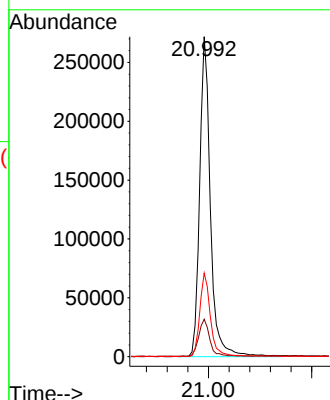
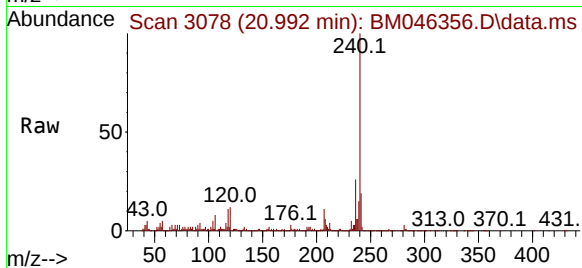
Tgt Ion:240 Resp: 391731

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# 2811

Delta R.T. -0.012 min

Lab File: BM046356.D

Acq: 28 Jun 2024 17:23

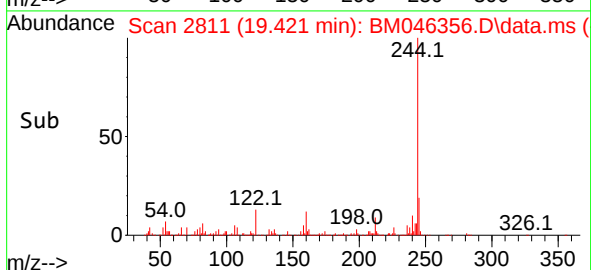
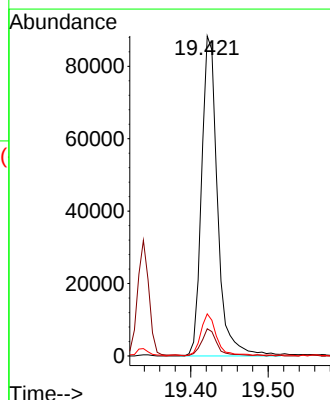
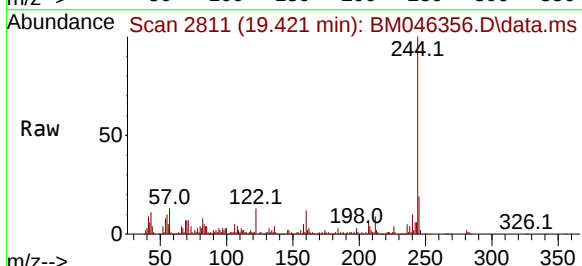
Tgt Ion:244 Resp: 126434

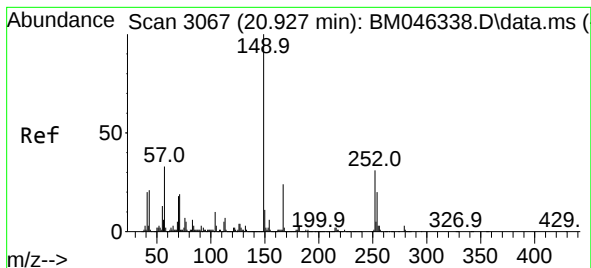
Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 13.2 9.4 14.0

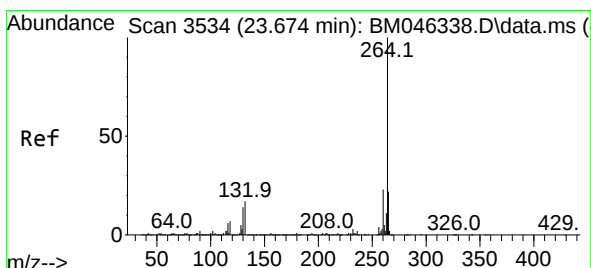
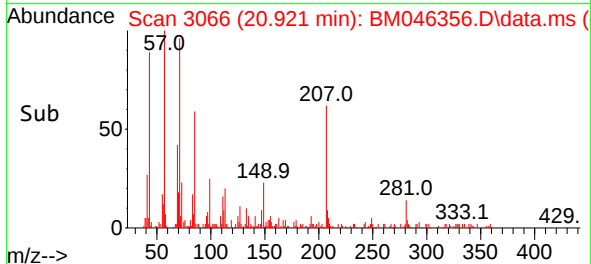
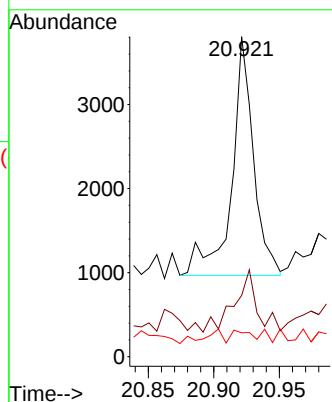
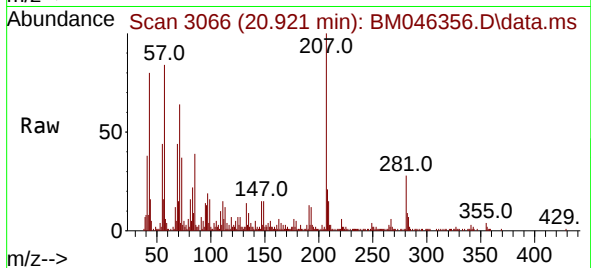




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.581 ng
 RT: 20.921 min Scan# 3066
 Delta R.T. -0.006 min
 Lab File: BM046356.D
 Acq: 28 Jun 2024 17:23

Instrument :
 BNA_M
 ClientSampleId :
 SHOP-RAG-DRUM

Tgt Ion:149 Resp: 3288
 Ion Ratio Lower Upper
 149 100
 167 19.1 19.6 29.4#
 279 7.5 2.6 4.0#



#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

