

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
 Data File : BM036212.D
 Acq On : 11 Aug 2022 16:54
 Operator : CG/JU
 Sample : N4102-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FILTER-DRUM-0808

Quant Time: Aug 12 02:16:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

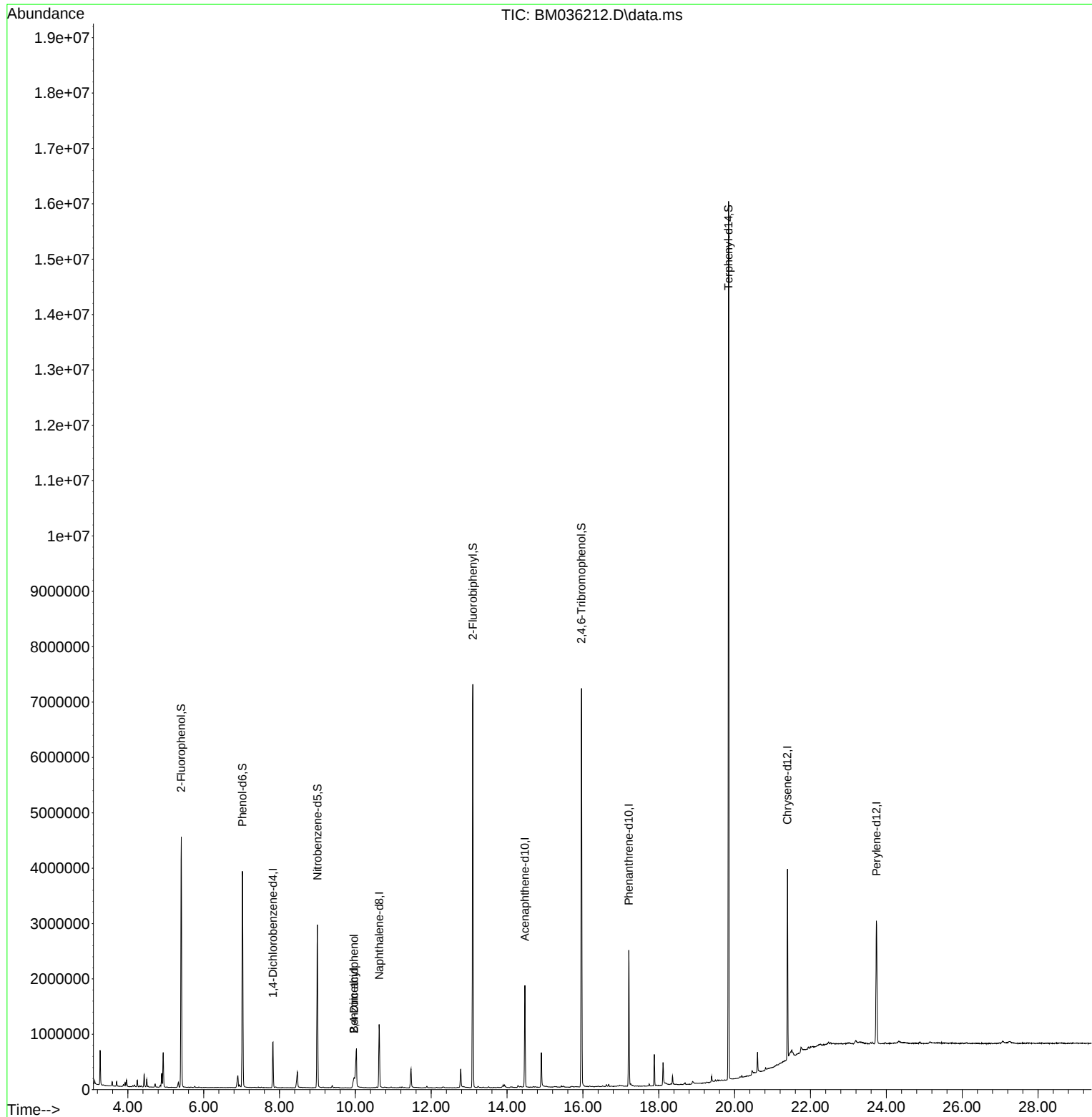
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	227876	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	950383	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	612996	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1416568	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1522522	20.000	ng	0.00
86) Perylene-d12	23.739	264	1559632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1945457	138.413	ng	0.00
7) Phenol-d6	7.022	99	2266001	126.701	ng	-0.01
23) Nitrobenzene-d5	8.998	82	1623175	95.604	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1281599	178.216	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3635912	87.575	ng	0.00
79) Terphenyl-d14	19.839	244	7433208	96.298	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.963	122	112676	9.662	ng	# 4
32) Benzoic acid	9.963	122	112676	12.189	ng	91

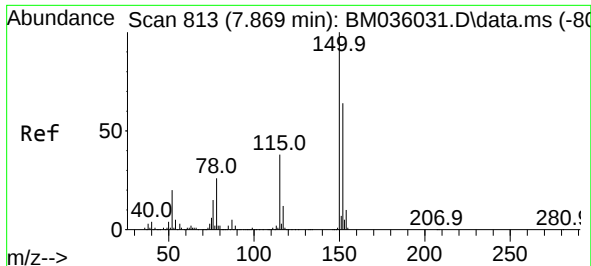
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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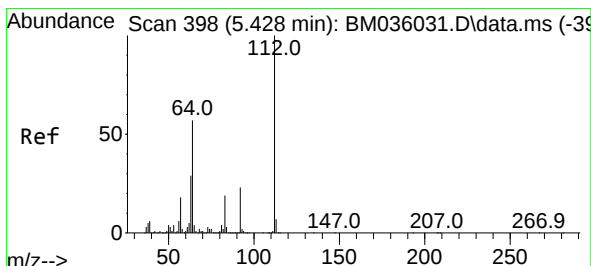
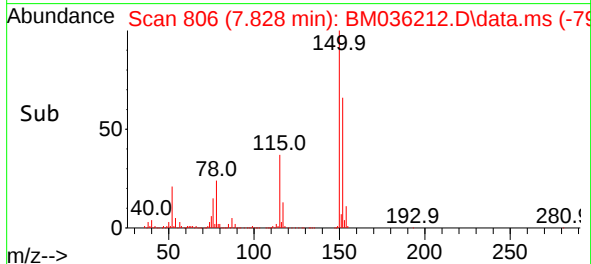
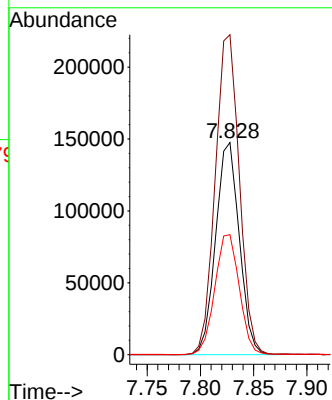
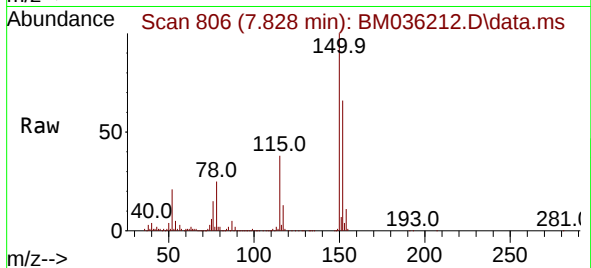




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM036212.D
Acq: 11 Aug 2022 16:54

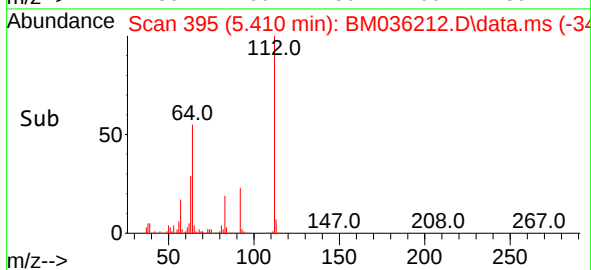
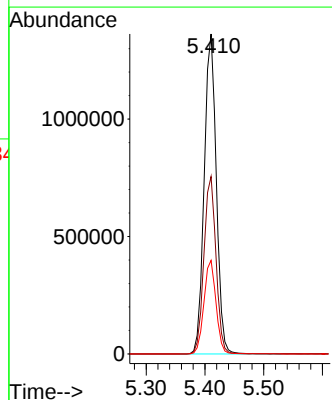
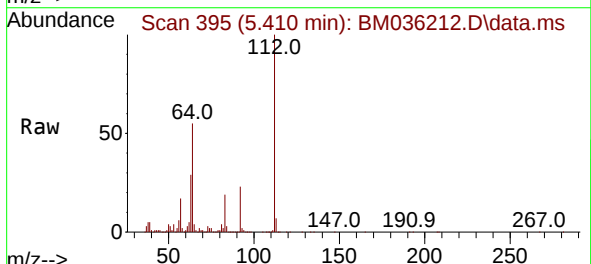
Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

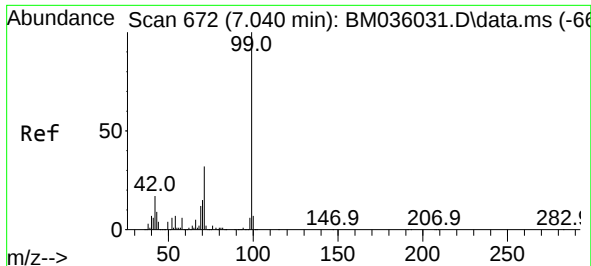
Tgt Ion:152 Resp: 227876
Ion Ratio Lower Upper
152 100
150 150.8 124.9 187.3
115 56.6 47.9 71.9



#5
2-Fluorophenol
Concen: 138.413 ng
RT: 5.410 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM036212.D
Acq: 11 Aug 2022 16:54

Tgt Ion:112 Resp: 1945457
Ion Ratio Lower Upper
112 100
64 55.5 47.8 71.6
63 29.2 26.6 40.0

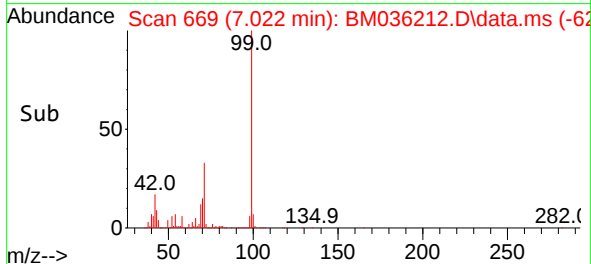
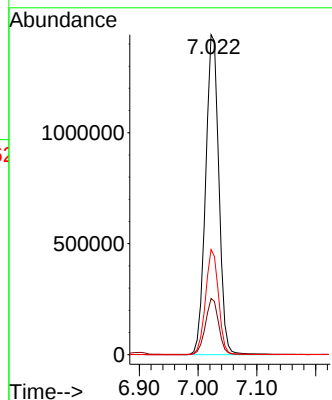
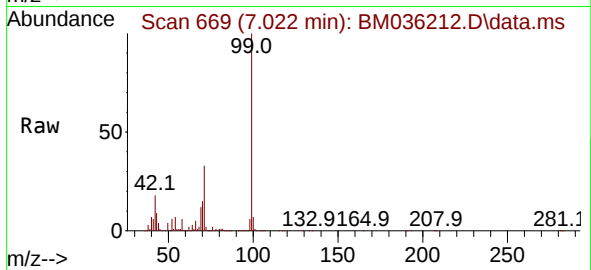




#7
Phenol-d6
Concen: 126.701 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM036212.D
Acq: 11 Aug 2022 16:54

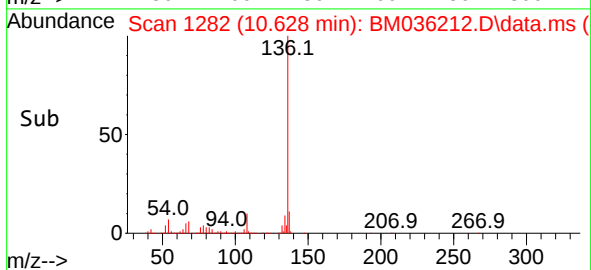
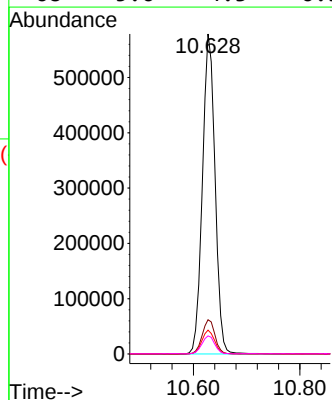
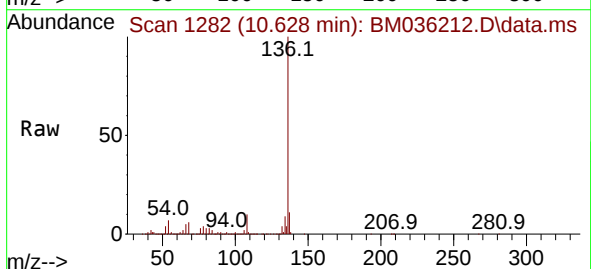
Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Tgt Ion: 99 Resp: 2266001
Ion Ratio Lower Upper
99 100
42 17.6 18.8 28.2#
71 32.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BM036212.D
Acq: 11 Aug 2022 16:54

Tgt Ion: 136 Resp: 950383
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.5 7.0 10.4
68 5.6 4.3 6.5

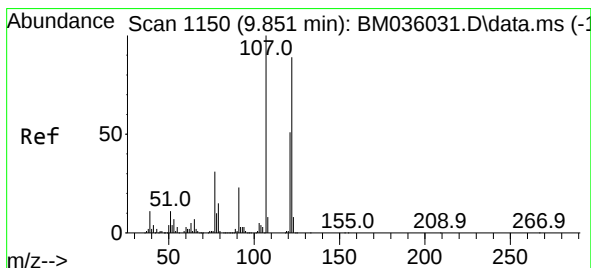
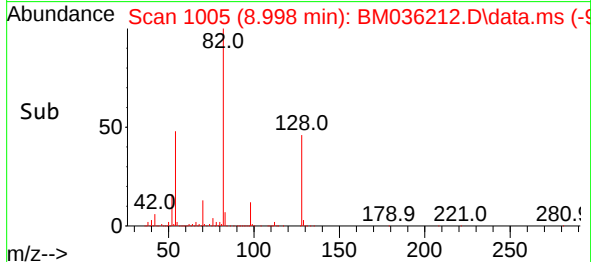
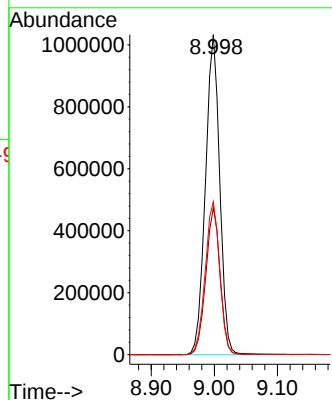
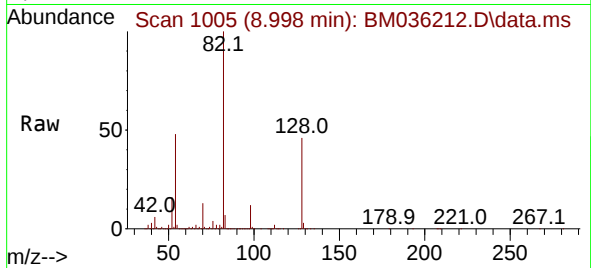




#23
Nitrobenzene-d5
Concen: 95.604 ng
RT: 8.998 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BM036212.D
Acq: 11 Aug 2022 16:54

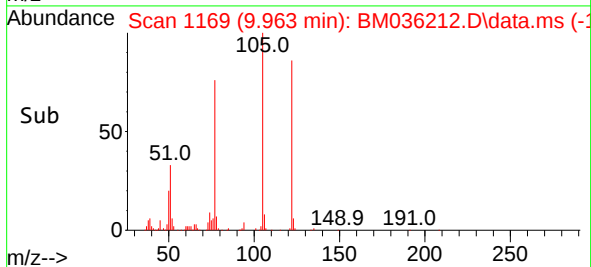
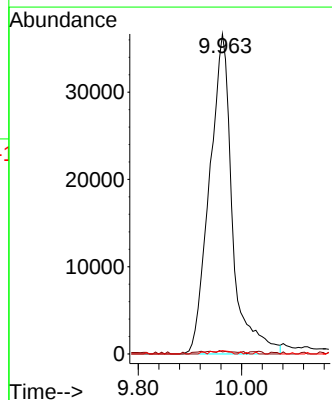
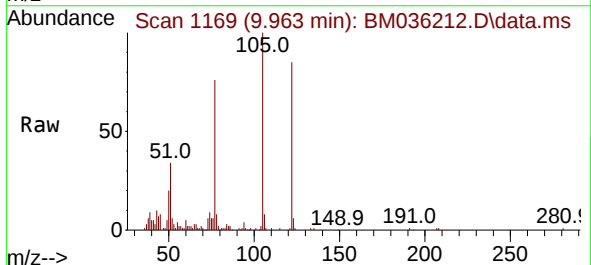
Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

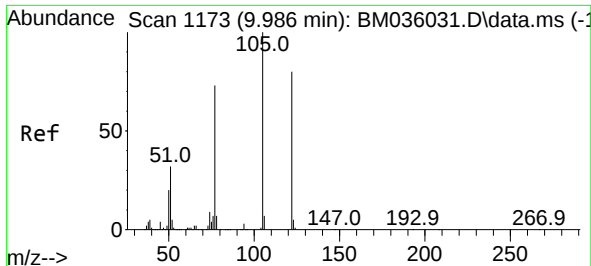
Tgt Ion: 82 Resp: 1623175
Ion Ratio Lower Upper
82 100
128 45.9 33.7 50.5
54 47.8 43.2 64.8



#27
2,4-Dimethylphenol
Concen: 9.662 ng
RT: 9.963 min Scan# 1169
Delta R.T. 0.129 min
Lab File: BM036212.D
Acq: 11 Aug 2022 16:54

Tgt Ion:122 Resp: 112676
Ion Ratio Lower Upper
122 100
107 0.6 92.4 138.6#
121 1.1 47.4 71.0#

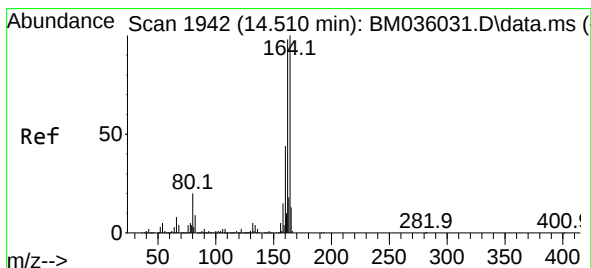
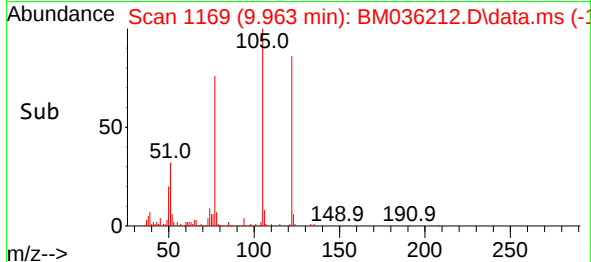
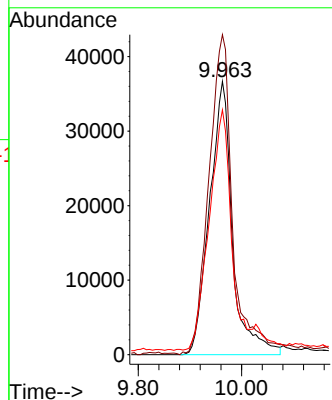
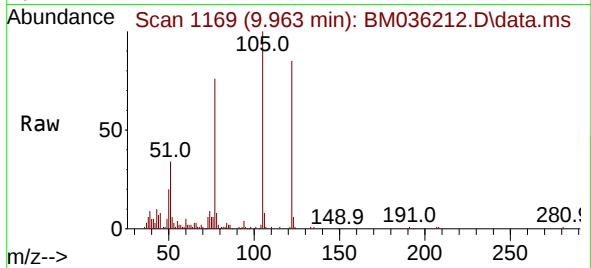




#32
Benzoic acid
Concen: 12.189 ng
RT: 9.963 min Scan# 1173
Delta R.T. -0.029 min
Lab File: BM036212.D
Acq: 11 Aug 2022 16:54

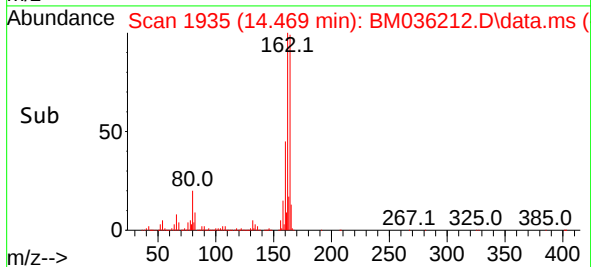
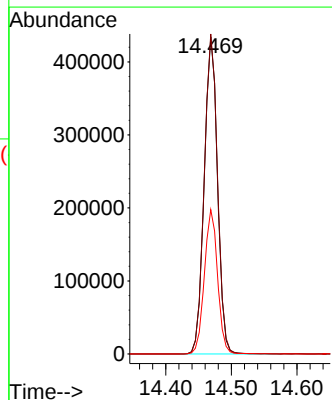
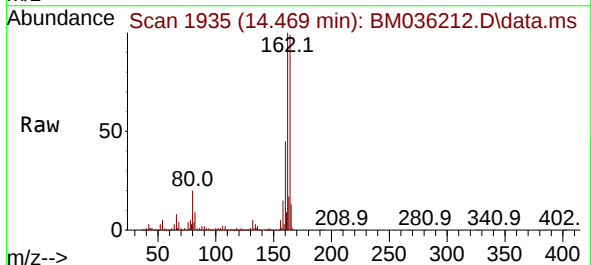
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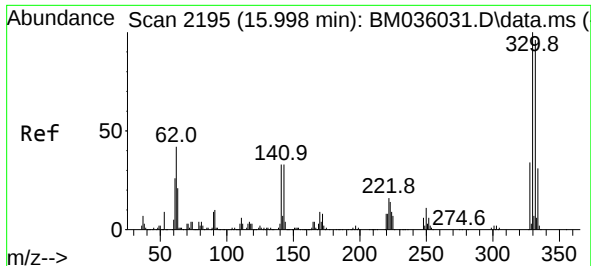
Tgt Ion:122 Resp: 112676
Ion Ratio Lower Upper
122 100
105 117.1 105.7 145.7
77 89.6 80.0 120.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM036212.D
Acq: 11 Aug 2022 16:54

Tgt Ion:164 Resp: 612996
Ion Ratio Lower Upper
164 100
162 100.9 83.0 124.6
160 45.5 37.0 55.4

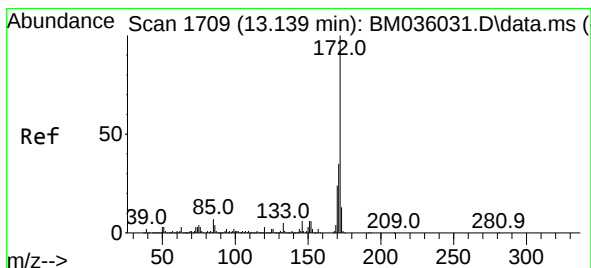
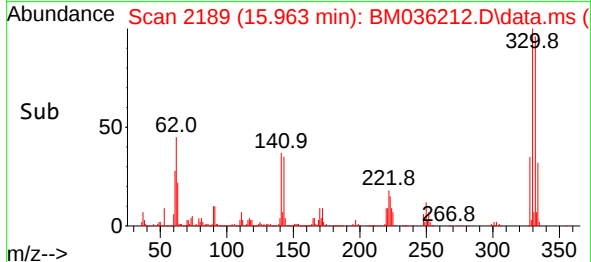
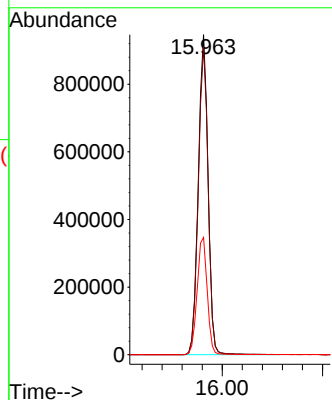
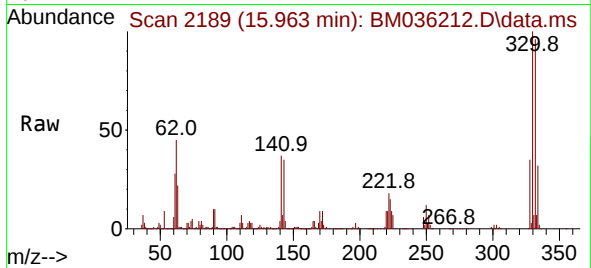




#42
2,4,6-Tribromophenol
Concen: 178.216 ng
RT: 15.963 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036212.D
Acq: 11 Aug 2022 16:54

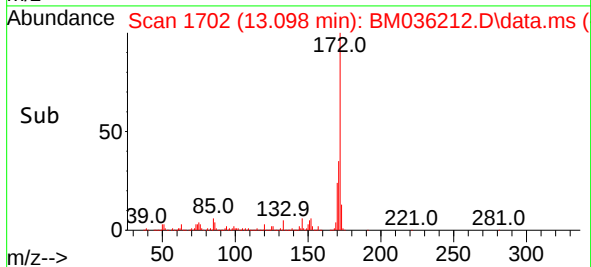
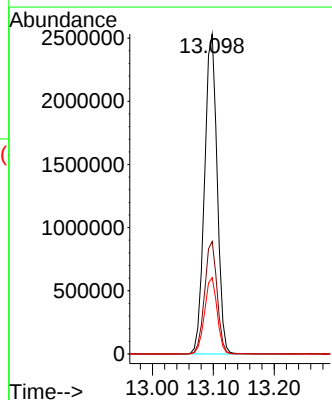
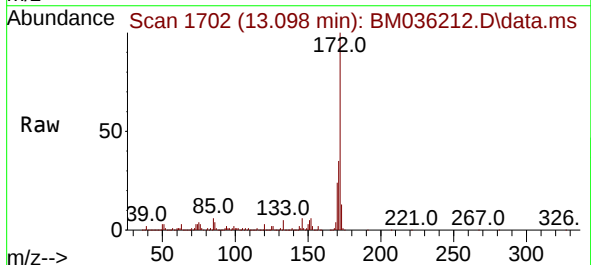
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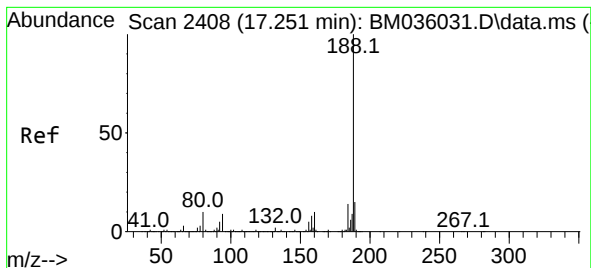
Tgt Ion:330 Resp: 1281599
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 37.8 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 87.575 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM036212.D
Acq: 11 Aug 2022 16:54

Tgt Ion:172 Resp: 3635912
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM036212.D

Acq: 11 Aug 2022 16:54

Instrument :

BNA_M

ClientSampleId :

FILTER-DRUM-0808

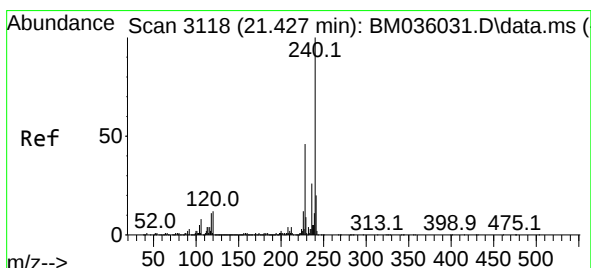
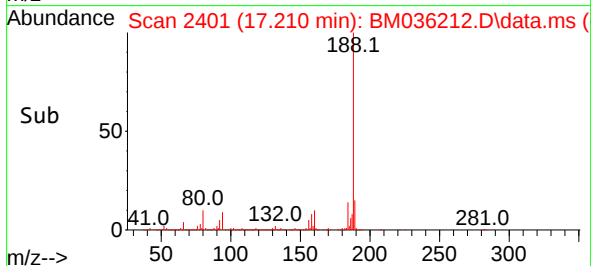
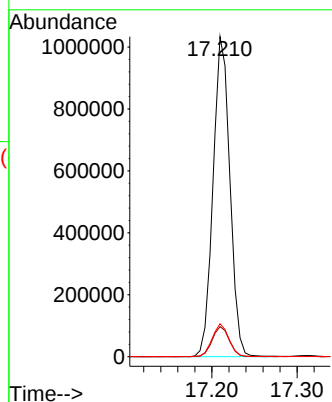
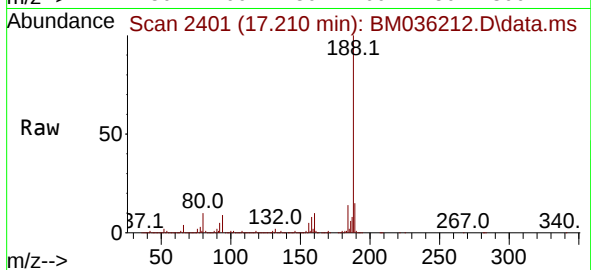
Tgt Ion:188 Resp: 1416568

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM036212.D

Acq: 11 Aug 2022 16:54

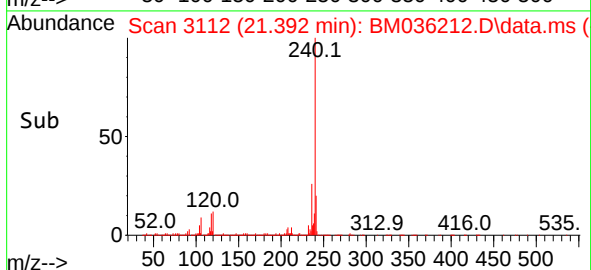
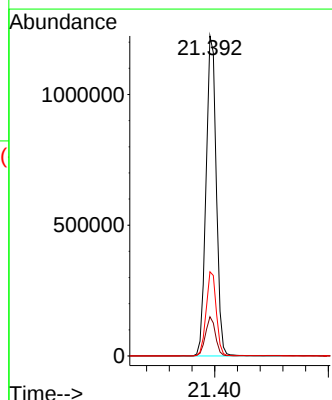
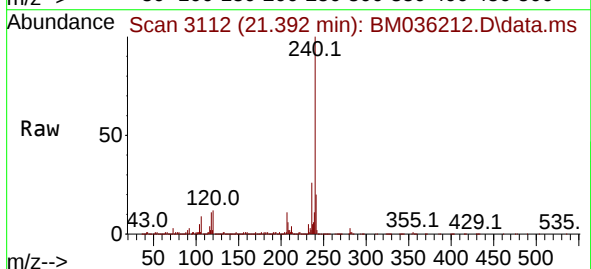
Tgt Ion:240 Resp: 1522522

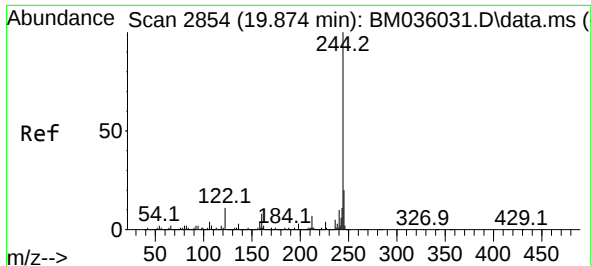
Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.0

236 26.3 20.6 30.8

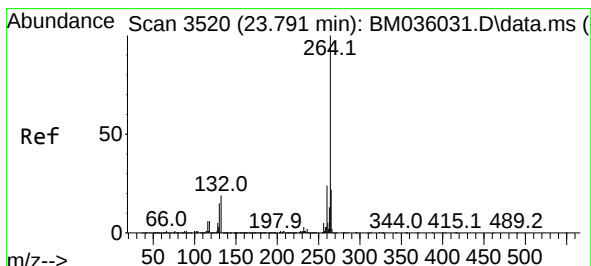
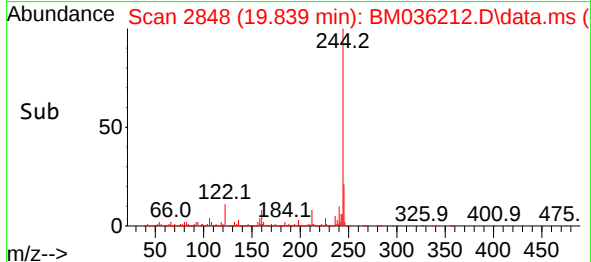
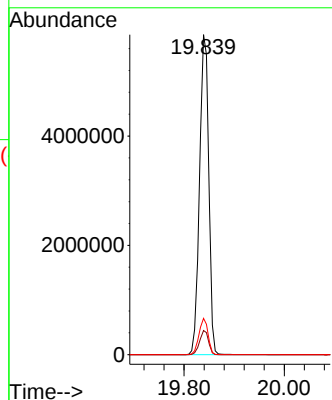
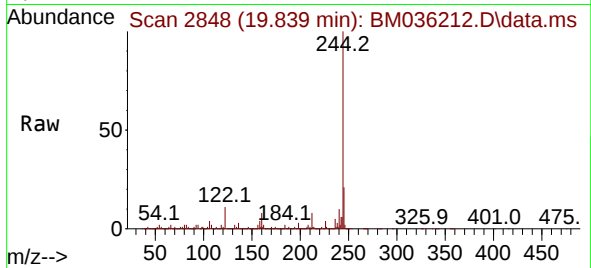




#79
 Terphenyl-d14
 Concen: 96.298 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036212.D
 Acq: 11 Aug 2022 16:54

Instrument :
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 FILTER-DRUM-0808

Tgt Ion:244 Resp: 7433208
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 11.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 3511
 Delta R.T. -0.006 min
 Lab File: BM036212.D
 Acq: 11 Aug 2022 16:54

Tgt Ion:264 Resp: 1559632
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.4 17.5 26.3

