

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
 Data File : BM036220.D
 Acq On : 11 Aug 2022 21:49
 Operator : CG/JU
 Sample : N4084-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RECOVERED-CRUSHED-AGGREGATE-PILE-A

Quant Time: Aug 12 02:19:54 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	7.822	152	274842	20.000	ng	-0.01
21) Naphthalene-d8	10.628	136	1194075	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	741030	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1548154	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1643751	20.000	ng	0.00
86) Perylene-d12	23.733	264	1540456	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	674142	39.767	ng	0.00
7) Phenol-d6	7.022	99	1088222	50.449	ng	-0.01
23) Nitrobenzene-d5	8.998	82	1930713	90.510	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	302059	34.746	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	4525605	90.171	ng	0.00
79) Terphenyl-d14	19.839	244	7541594	90.496	ng	0.00
Target Compounds						
25) Isophorone	9.563	82	129411	3.729	ng	Qvalue 99

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

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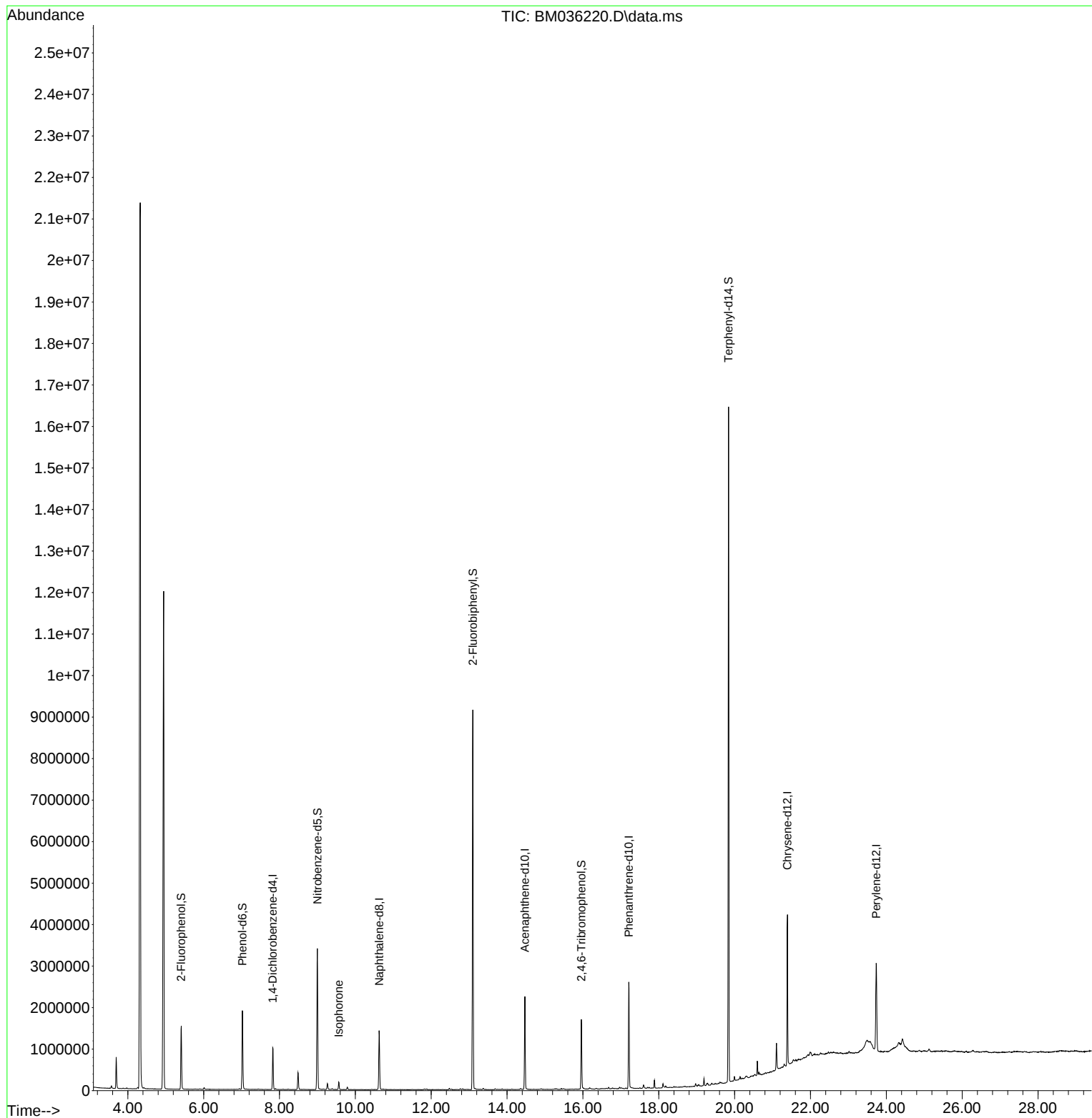
Instrument :

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
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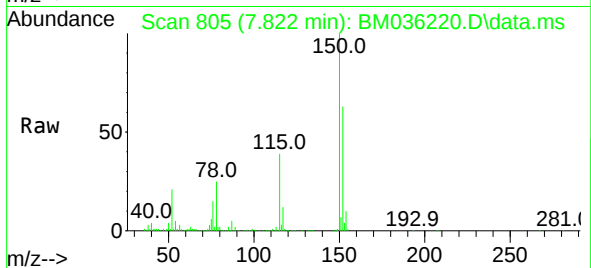
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 805
Delta R.T. -0.012 min
Lab File: BM036220.D
Acq: 11 Aug 2022 21:49

Instrument :

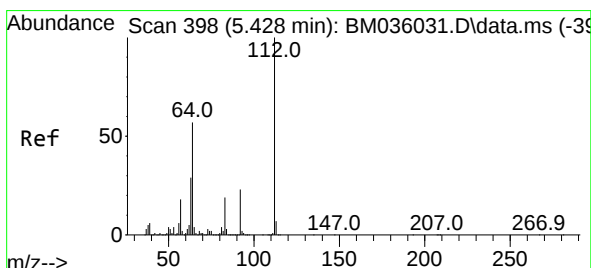
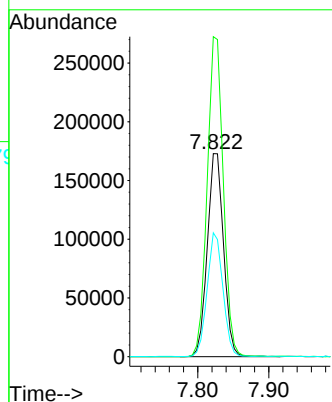
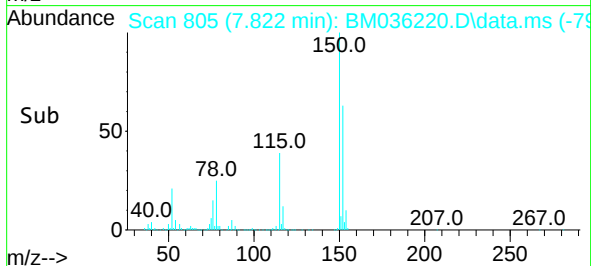
BNA_M

ClientSampleId :

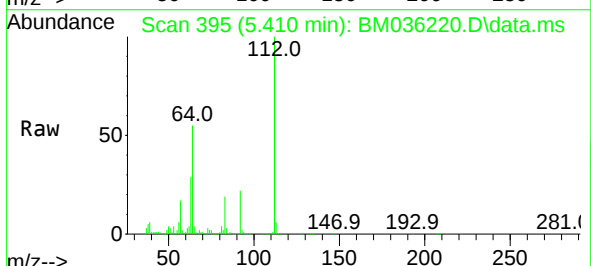
RECOVERED-CRUSHED-AGGREGATE-PILE-A



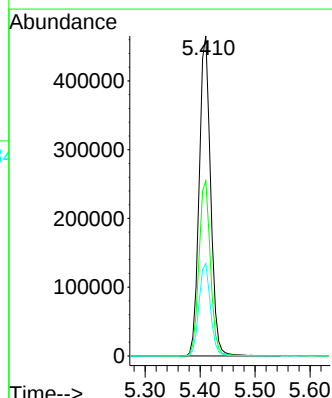
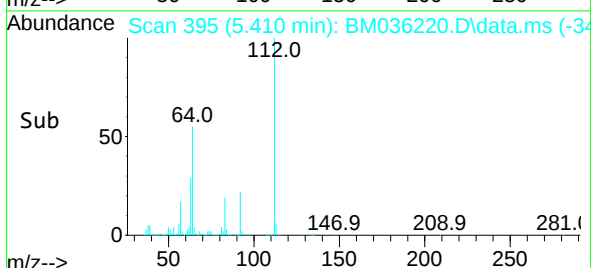
Tgt Ion:152 Resp: 274842
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 61.0 47.9 71.9



#5
2-Fluorophenol
Concen: 39.767 ng
RT: 5.410 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM036220.D
Acq: 11 Aug 2022 21:49



Tgt Ion:112 Resp: 674142
Ion Ratio Lower Upper
112 100
64 54.8 47.8 71.6
63 28.9 26.6 40.0





#7
Phenol-d6
Concen: 50.449 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM036220.D
Acq: 11 Aug 2022 21:49

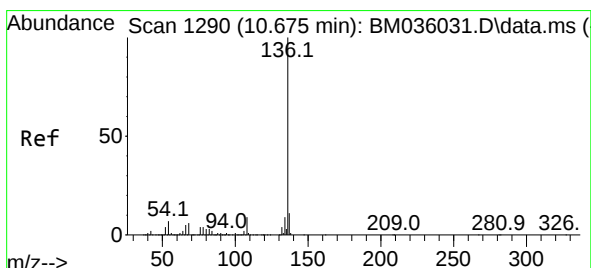
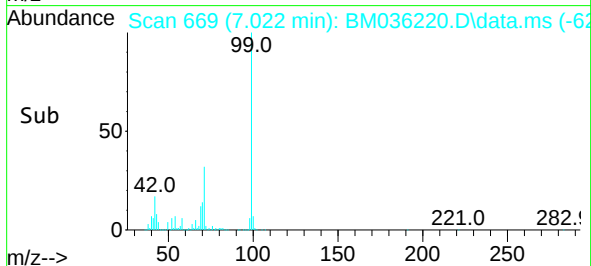
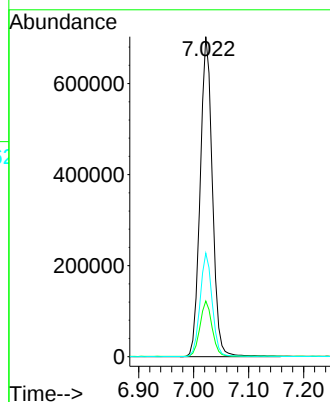
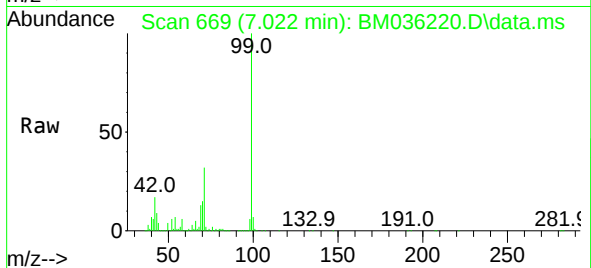
Instrument :

BNA_M

ClientSampleId :

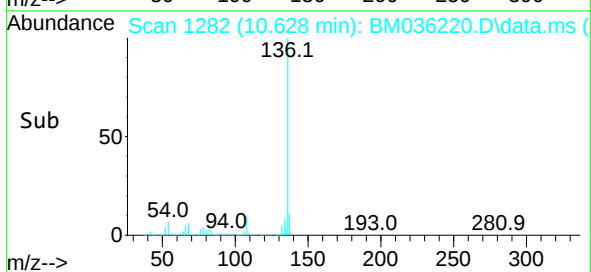
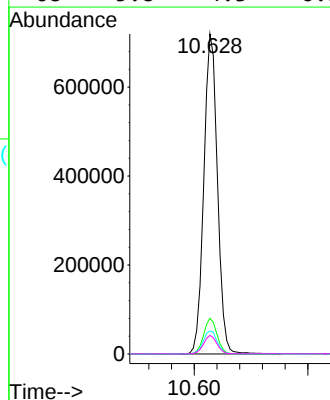
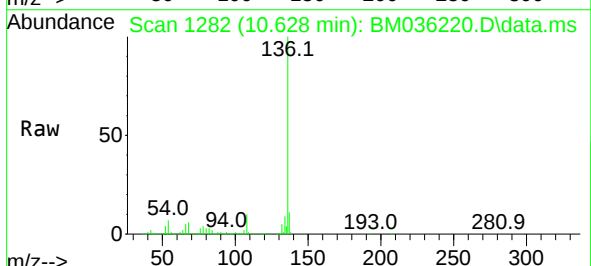
RECOVERED-CRUSHED-AGGREGATE-PILE-A

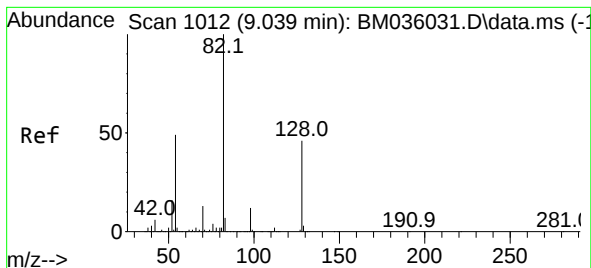
Tgt Ion: 99 Resp: 1088222
Ion Ratio Lower Upper
99 100
42 17.4 18.8 28.2#
71 32.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BM036220.D
Acq: 11 Aug 2022 21:49

Tgt Ion: 136 Resp: 1194075
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.2 7.0 10.4
68 5.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 90.510 ng

RT: 8.998 min Scan# 1100

Delta R.T. -0.006 min

Lab File: BM036220.D

Acq: 11 Aug 2022 21:49

Instrument :

BNA_M

ClientSampleId :

RECOVERED-CRUSHED-AGGREGATE-PILE-A

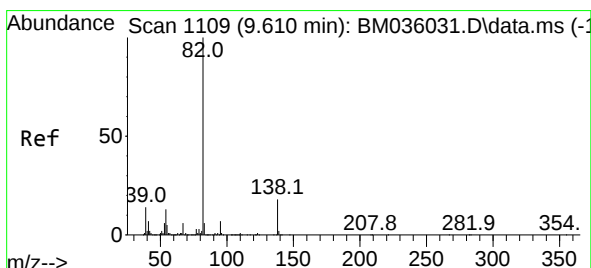
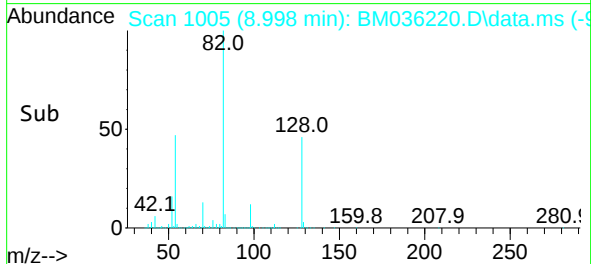
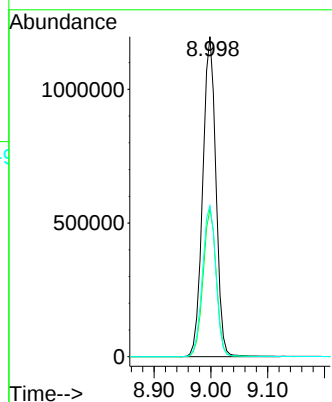
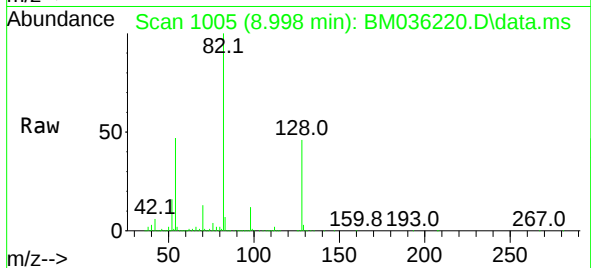
Tgt Ion: 82 Resp: 1930713

Ion Ratio Lower Upper

82 100

128 46.2 33.7 50.5

54 47.2 43.2 64.8



#25

Isophorone

Concen: 3.729 ng

RT: 9.563 min Scan# 1101

Delta R.T. -0.012 min

Lab File: BM036220.D

Acq: 11 Aug 2022 21:49

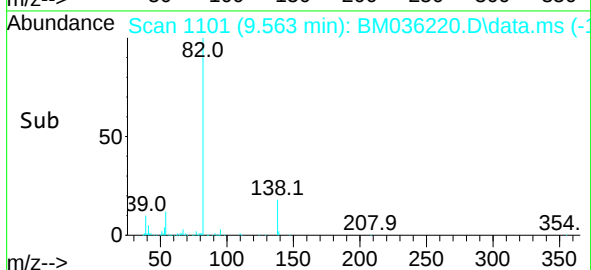
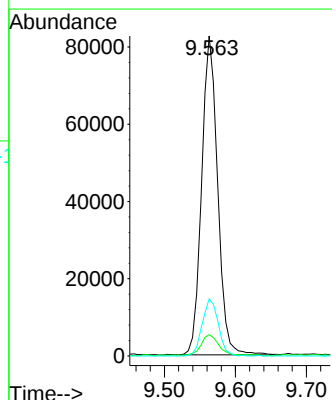
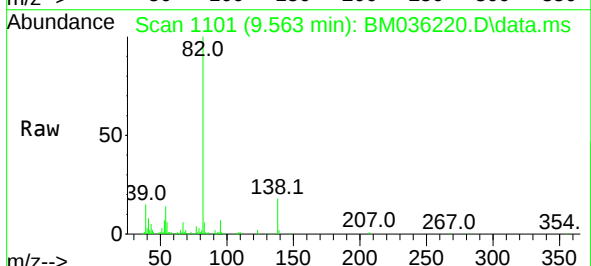
Tgt Ion: 82 Resp: 129411

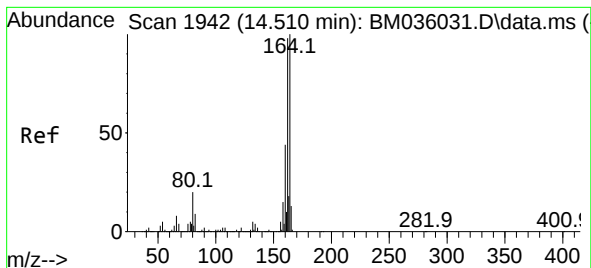
Ion Ratio Lower Upper

82 100

95 6.7 6.4 9.6

138 17.9 14.2 21.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BM036220.D

Acq: 11 Aug 2022 21:49

Instrument :

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RECOVERED-CRUSHED-AGGREGATE-PILE-A

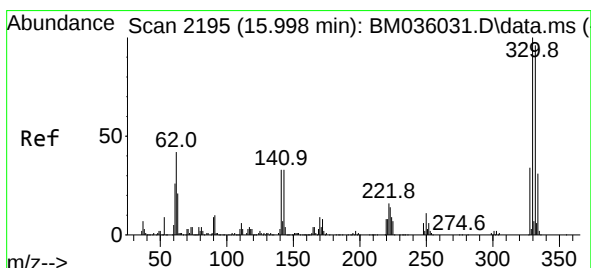
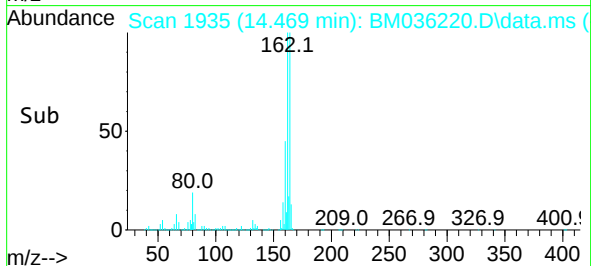
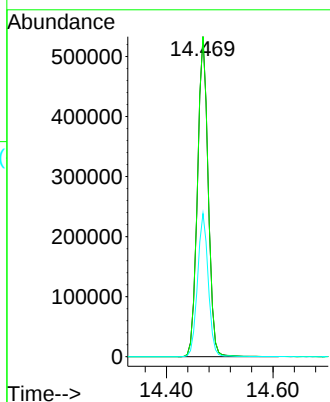
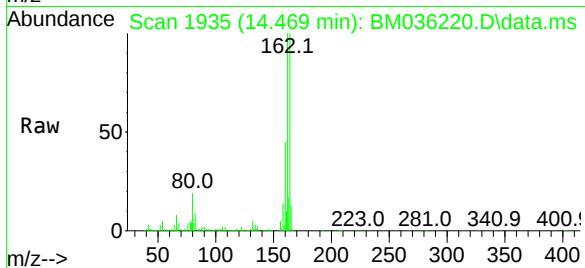
Tgt Ion:164 Resp: 741030

Ion Ratio Lower Upper

164 100

162 100.0 83.0 124.6

160 44.7 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 34.746 ng

RT: 15.963 min Scan# 2189

Delta R.T. -0.006 min

Lab File: BM036220.D

Acq: 11 Aug 2022 21:49

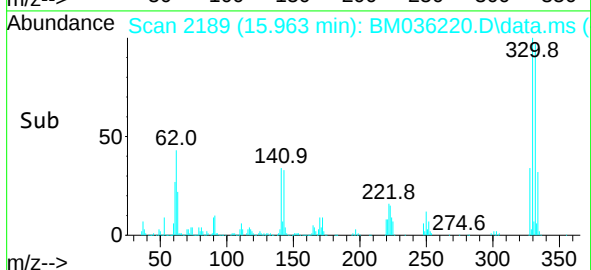
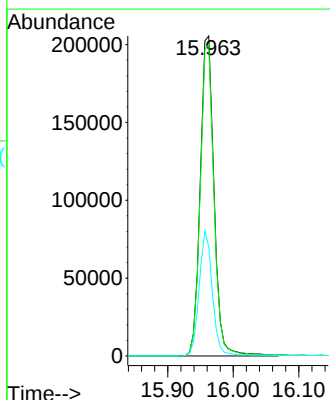
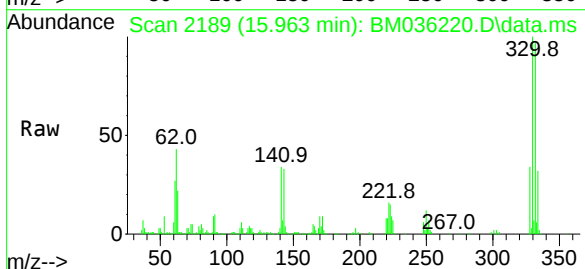
Tgt Ion:330 Resp: 302059

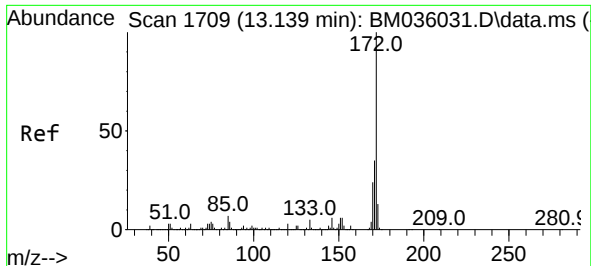
Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.4

141 37.2 35.3 52.9





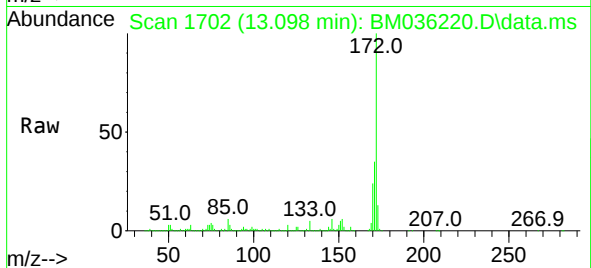
#45
2-Fluorobiphenyl
Concen: 90.171 ng
RT: 13.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036220.D
Acq: 11 Aug 2022 21:49

Instrument :

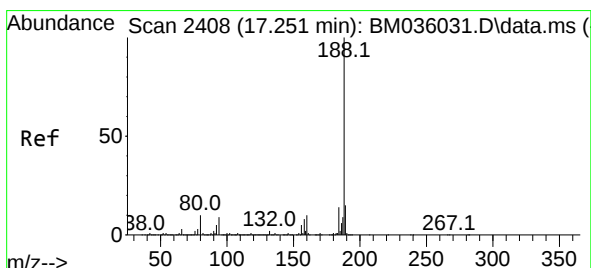
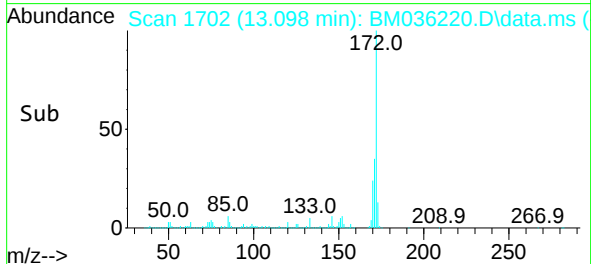
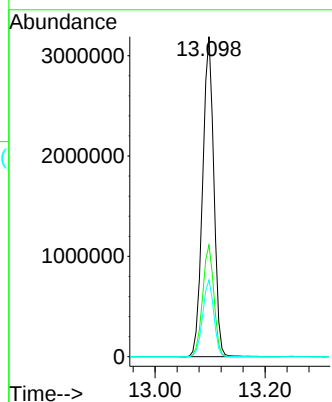
BNA_M

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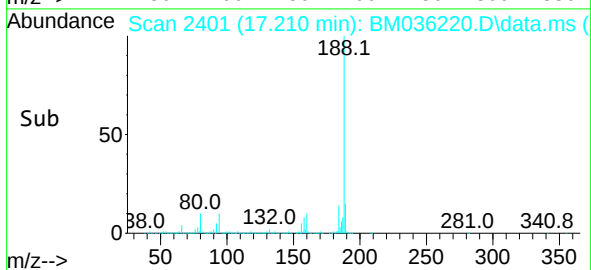
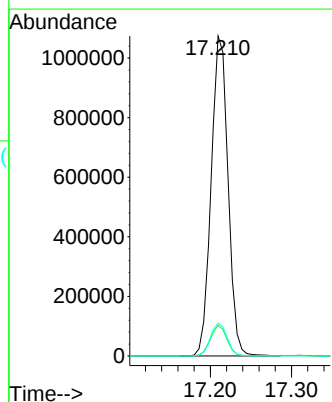
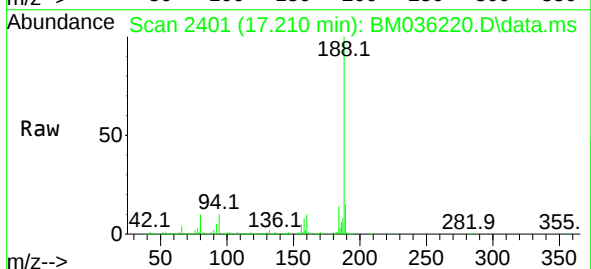


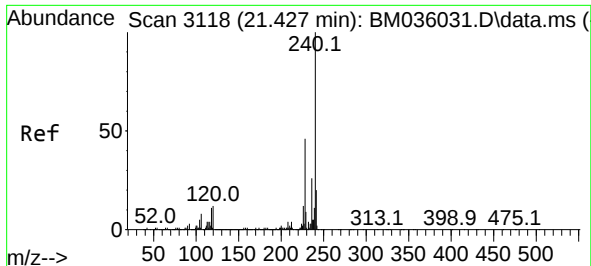
Tgt Ion:172 Resp: 4525605
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 24.0 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM036220.D
Acq: 11 Aug 2022 21:49

Tgt Ion:188 Resp: 1548154
Ion Ratio Lower Upper
188 100
94 9.6 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: BM036220.D
Acq: 11 Aug 2022 21:49

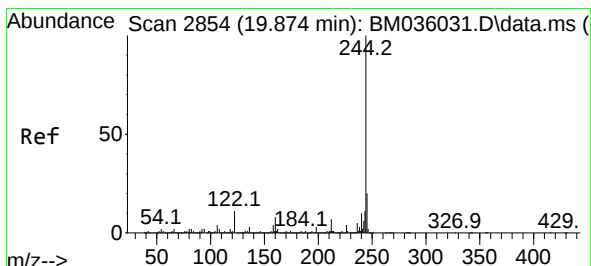
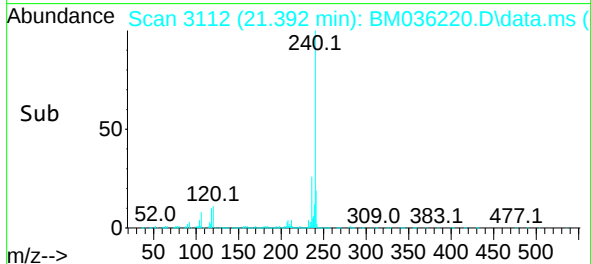
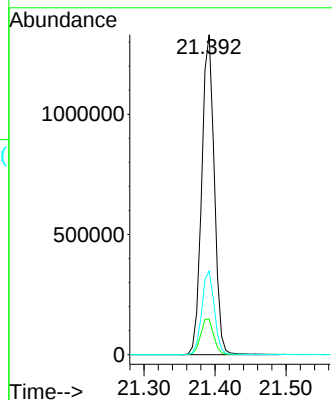
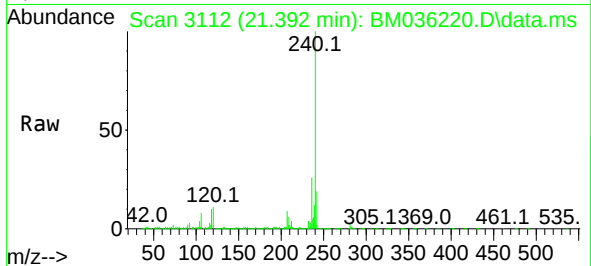
Instrument :

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ClientSampleId :

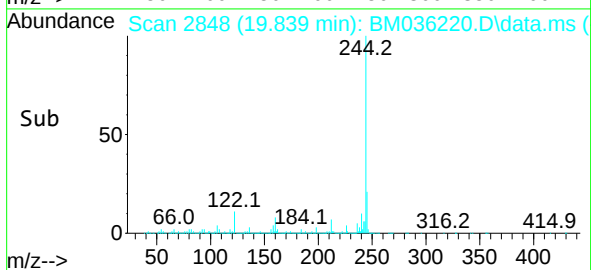
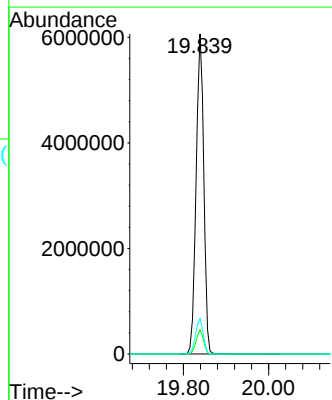
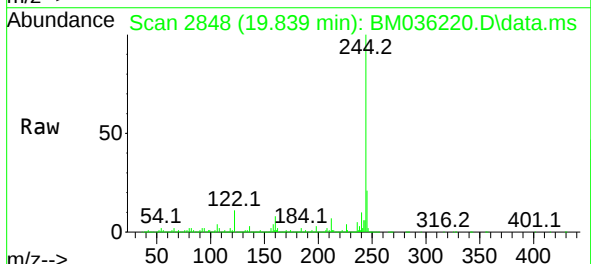
RECOVERED-CRUSHED-AGGREGATE-PILE-A

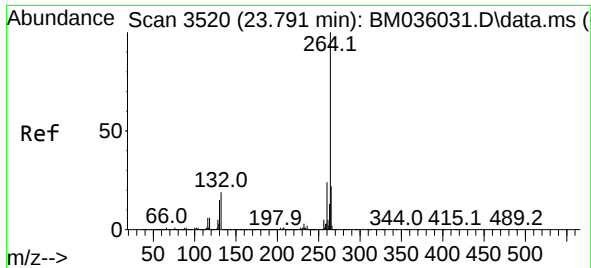
Tgt Ion:240 Resp: 1643751
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.0
236 26.2 20.6 30.8



#79
Terphenyl-d14
Concen: 90.496 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM036220.D
Acq: 11 Aug 2022 21:49

Tgt Ion:244 Resp: 7541594
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 11.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.733 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM036220.D
 Acq: 11 Aug 2022 21:49

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:264 Resp: 1540456
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.2 17.5 26.3

