

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062222\
 Data File : BM035613.D
 Acq On : 22 Jun 2022 22:55
 Operator : CG/JU
 Sample : N3384-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-3

Quant Time: Jun 23 07:37:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 23 07:33:33 2022
 Response via : Initial Calibration

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

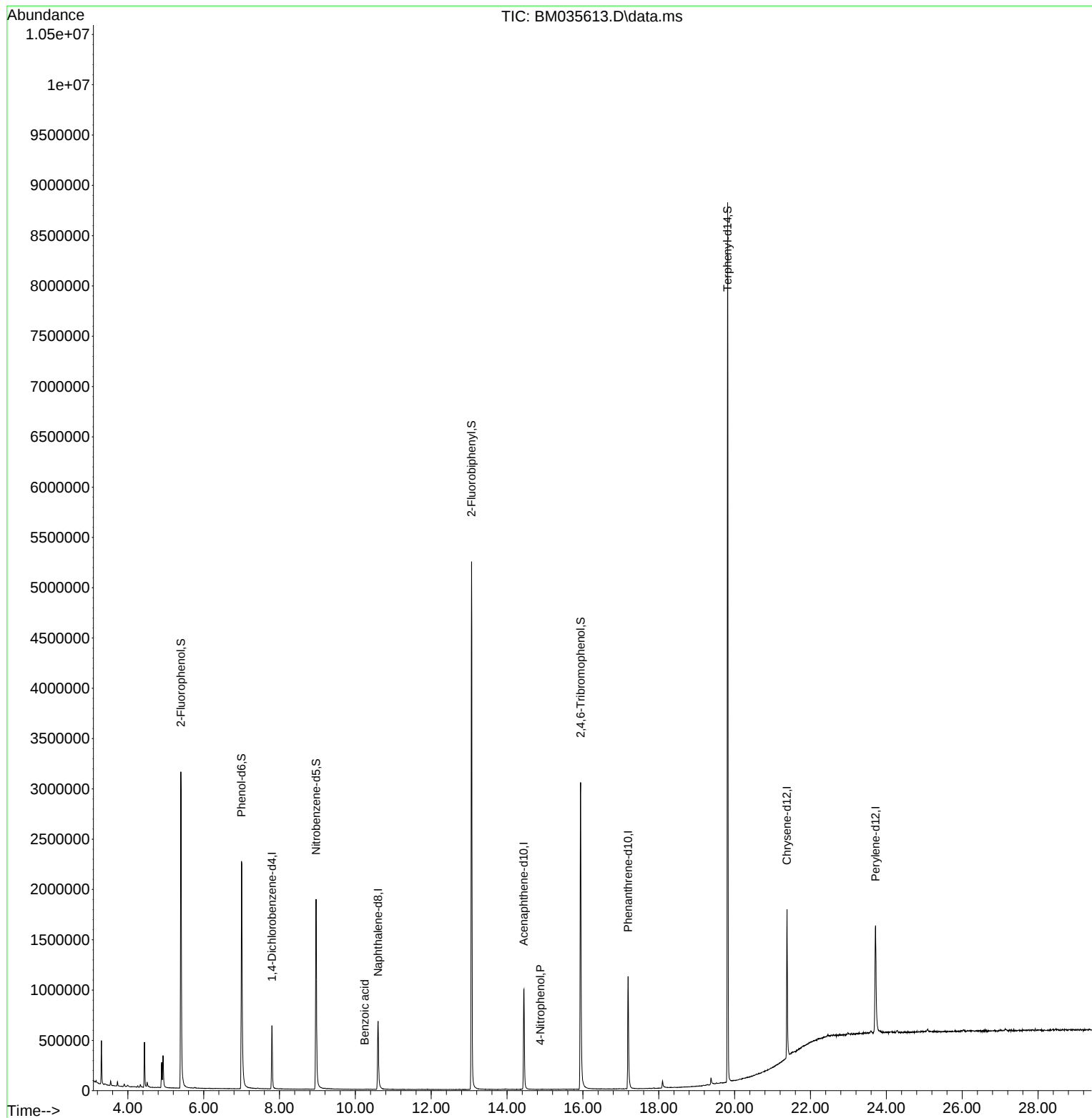
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	183233	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	718288	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	398749	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	791646	20.000	ng	# 0.00
76) Chrysene-d12	21.380	240	790302	20.000	ng	0.00
86) Perylene-d12	23.715	264	905104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1536082	142.161	ng	0.00
7) Phenol-d6	6.998	99	1688694	112.779	ng	0.00
23) Nitrobenzene-d5	8.963	82	1243654	94.091	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	684315	161.192	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2847095	102.004	ng	0.00
79) Terphenyl-d14	19.815	244	4099998	99.055	ng	0.00
Target Compounds						
32) Benzoic acid	10.245	122	142	4.657	ng	# 56
56) 4-Nitrophenol	14.880	139	80	5.657	ng	# 3

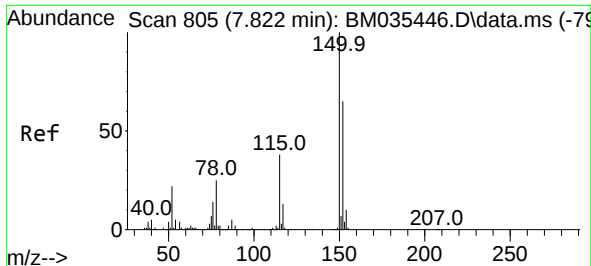
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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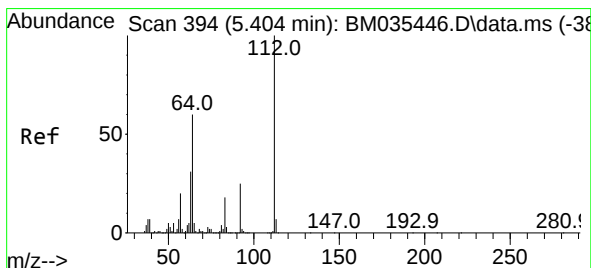
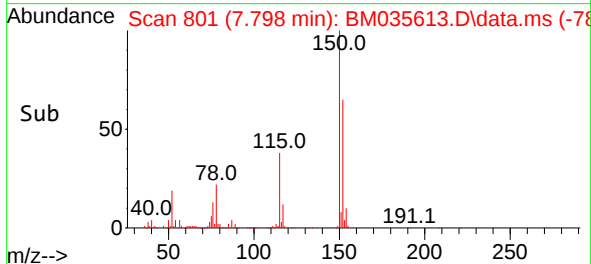
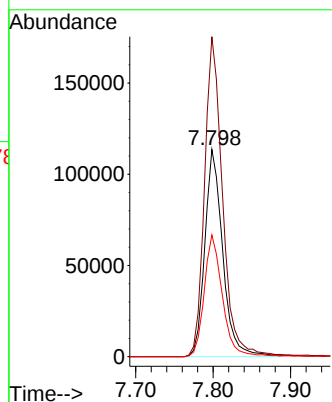
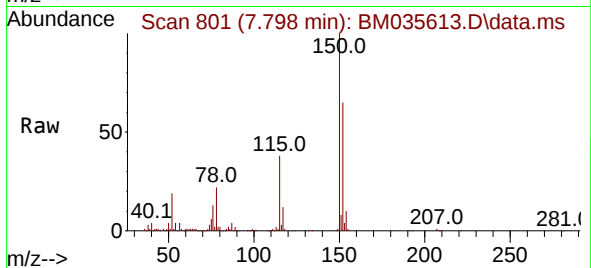




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.798 min Scan# 805
 Delta R.T. 0.000 min
 Lab File: BM035613.D
 Acq: 22 Jun 2022 22:55

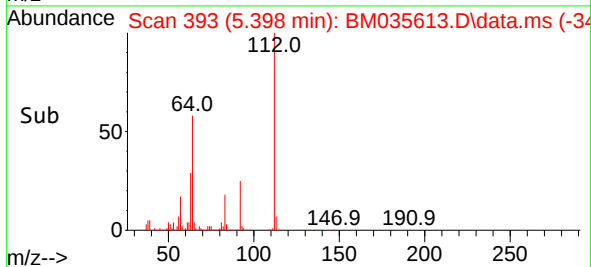
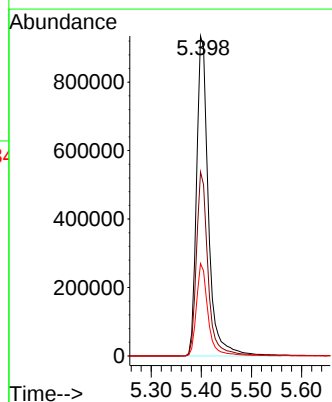
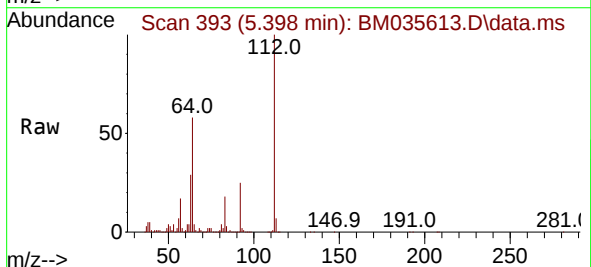
Instrument :
 BNA_M
 ClientSampleId :
 WC-3

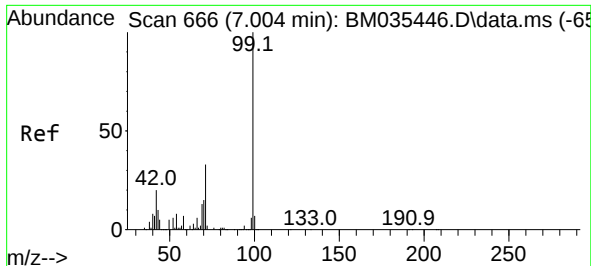
Tgt Ion:152 Resp: 183233
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.9 187.3
 115 58.7 47.9 71.9



#5
 2-Fluorophenol
 Concen: 142.161 ng
 RT: 5.398 min Scan# 393
 Delta R.T. -0.006 min
 Lab File: BM035613.D
 Acq: 22 Jun 2022 22:55

Tgt Ion:112 Resp: 1536082
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.8 71.6
 63 28.9 26.6 40.0

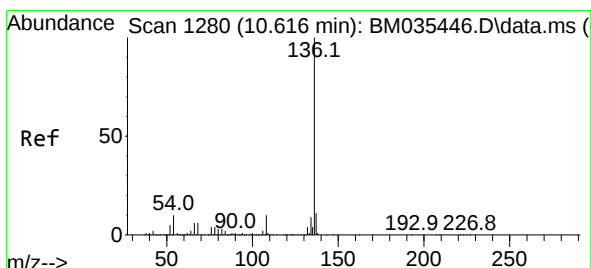
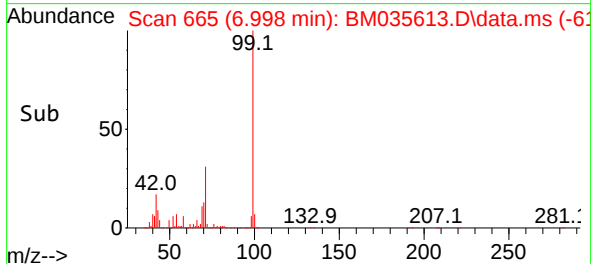
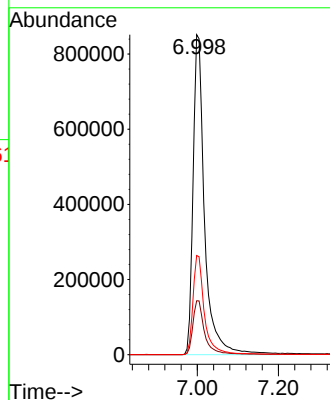
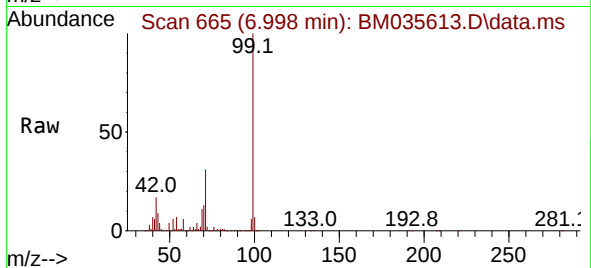




#7
Phenol-d6
Concen: 112.779 ng
RT: 6.998 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035613.D
Acq: 22 Jun 2022 22:55

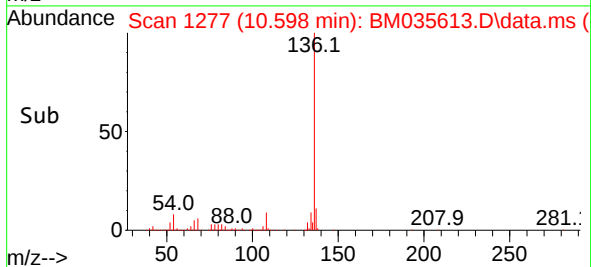
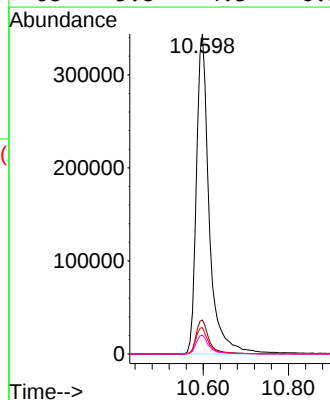
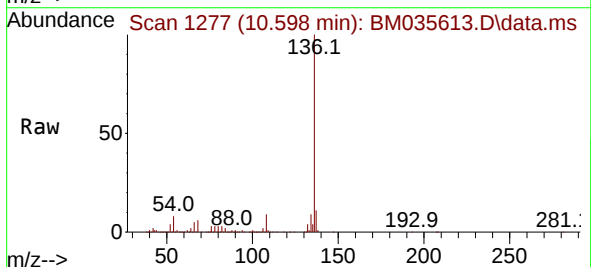
Instrument :
BNA_M
ClientSampleId :
WC-3

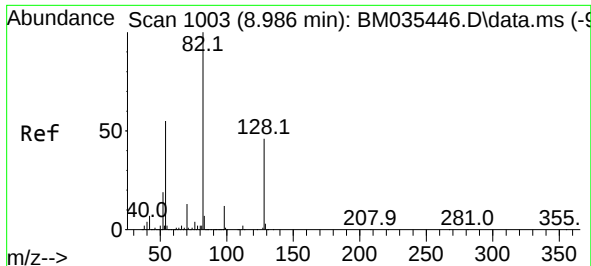
Tgt Ion: 99 Resp: 1688694
Ion Ratio Lower Upper
99 100
42 16.8 18.8 28.2#
71 31.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BM035613.D
Acq: 22 Jun 2022 22:55

Tgt Ion: 136 Resp: 718288
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.2 7.0 10.4
68 5.8 4.3 6.5

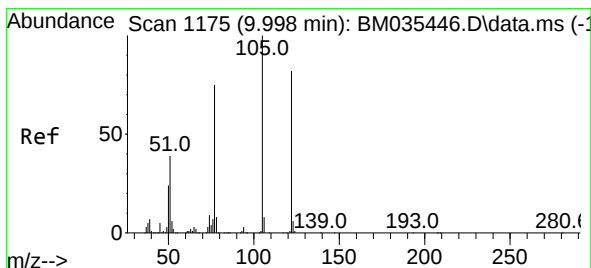
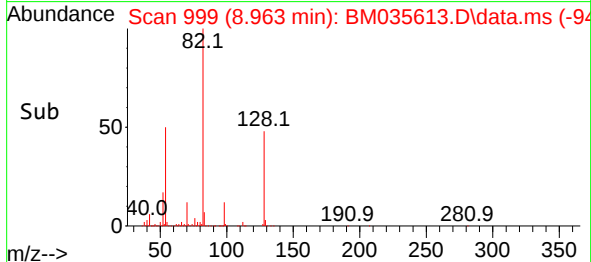
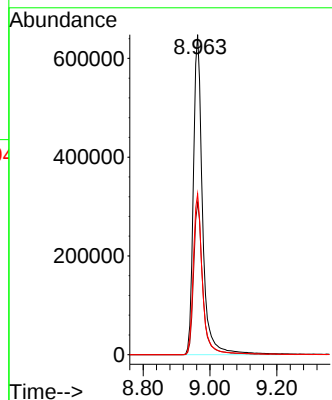
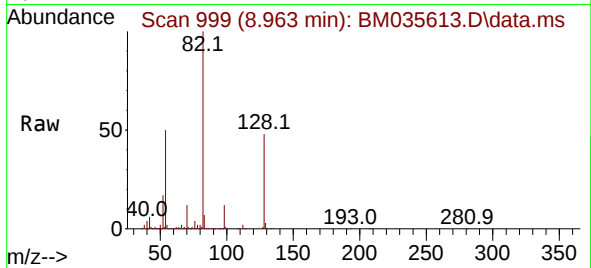




#23
Nitrobenzene-d5
Concen: 94.091 ng
RT: 8.963 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM035613.D
Acq: 22 Jun 2022 22:55

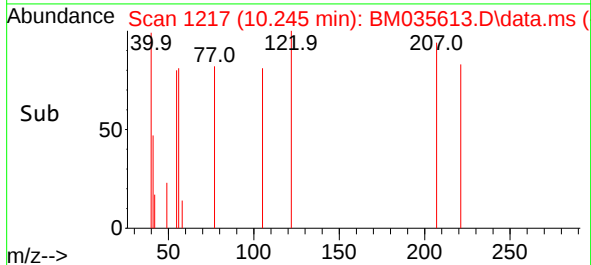
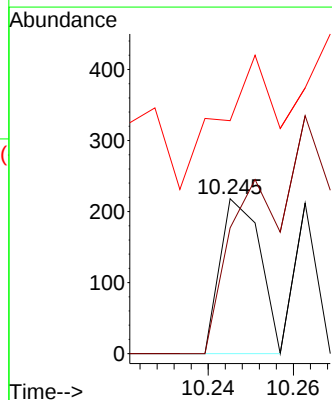
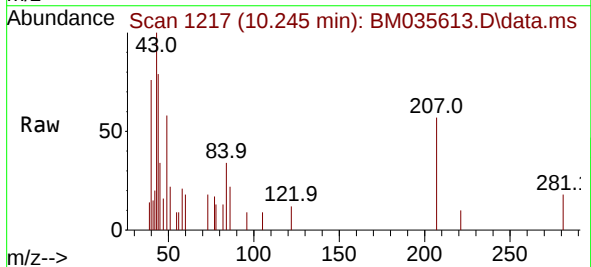
Instrument :
BNA_M
ClientSampleId :
WC-3

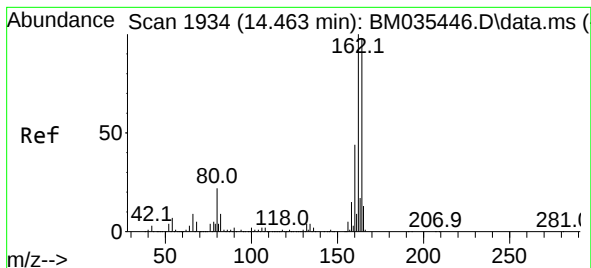
Tgt Ion: 82 Resp: 1243654
Ion Ratio Lower Upper
82 100
128 47.6 33.7 50.5
54 50.3 43.2 64.8



#32
Benzoic acid
Concen: 4.657 ng
RT: 10.245 min Scan# 1217
Delta R.T. 0.241 min
Lab File: BM035613.D
Acq: 22 Jun 2022 22:55

Tgt Ion: 122 Resp: 142
Ion Ratio Lower Upper
122 100
105 81.2 105.7 145.7#
77 150.5 80.0 120.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BM035613.D

Acq: 22 Jun 2022 22:55

Instrument :

BNA_M

ClientSampleId :

WC-3

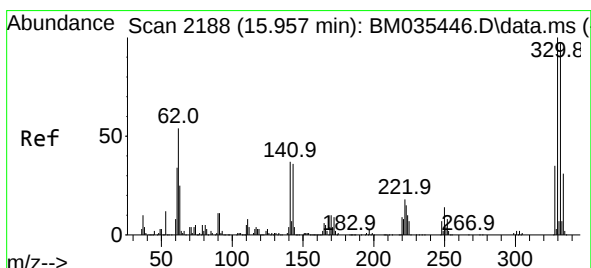
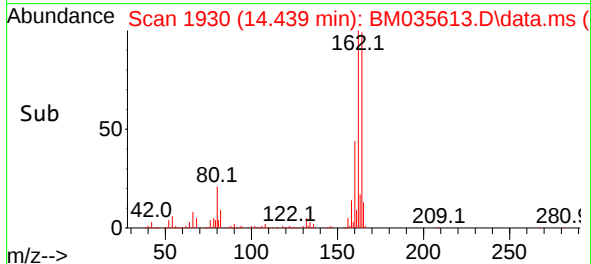
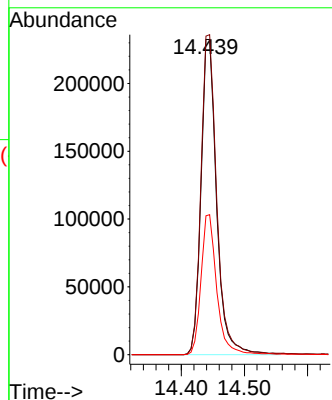
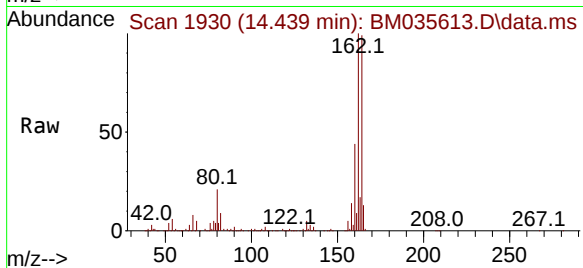
Tgt Ion:164 Resp: 398749

Ion Ratio Lower Upper

164 100

162 101.0 83.0 124.6

160 44.0 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 161.192 ng

RT: 15.939 min Scan# 2185

Delta R.T. 0.000 min

Lab File: BM035613.D

Acq: 22 Jun 2022 22:55

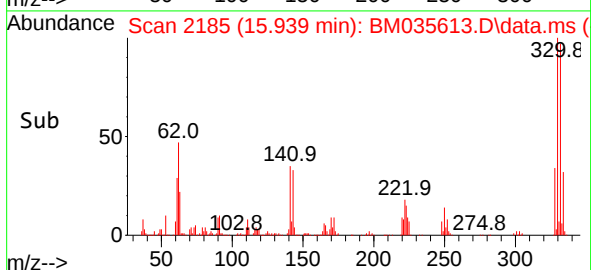
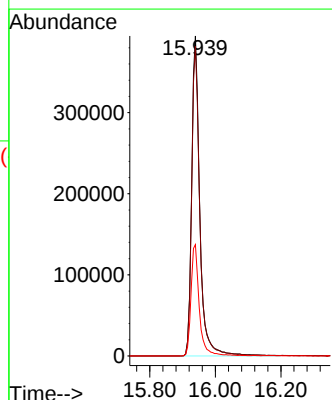
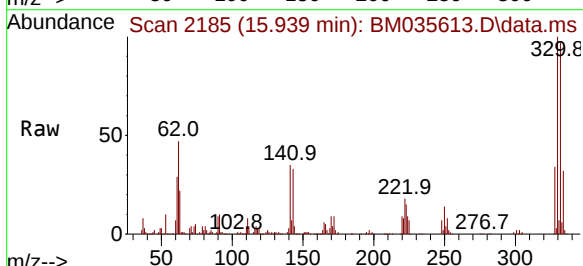
Tgt Ion:330 Resp: 684315

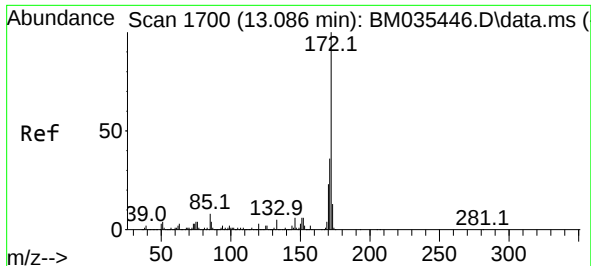
Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.4

141 35.4 35.3 52.9

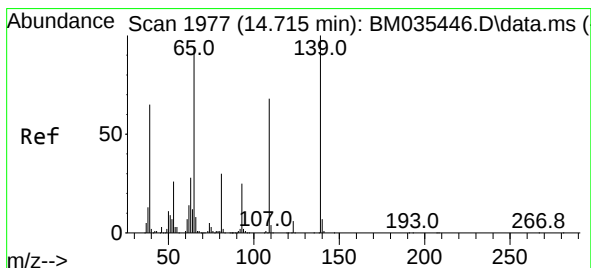
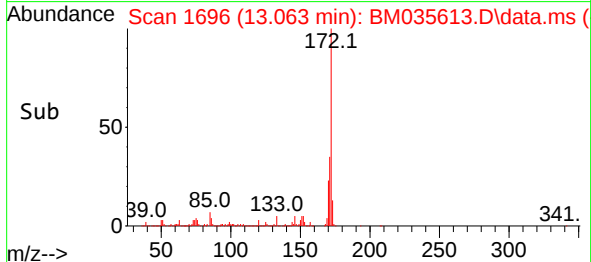
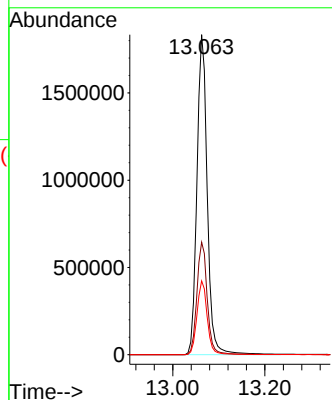
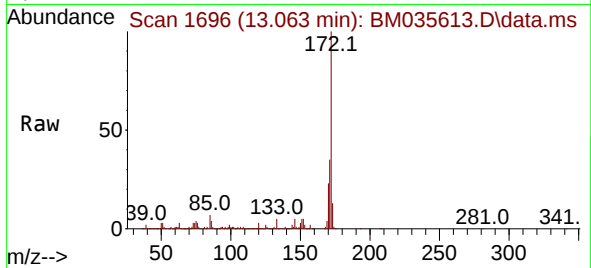




#45
2-Fluorobiphenyl
Concen: 102.004 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035613.D
Acq: 22 Jun 2022 22:55

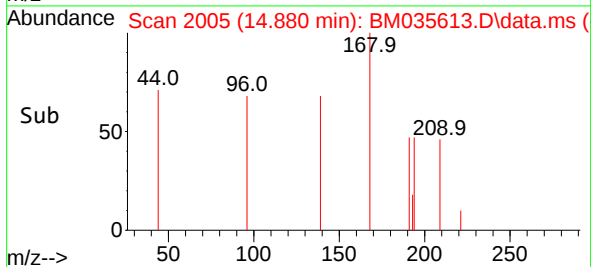
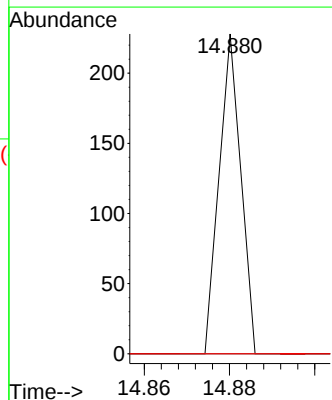
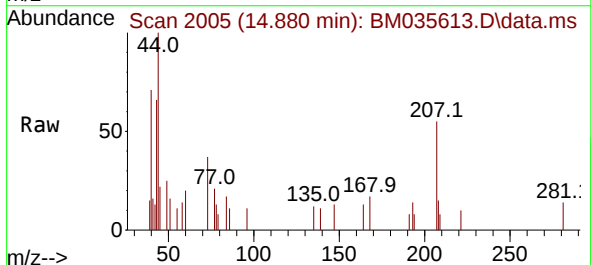
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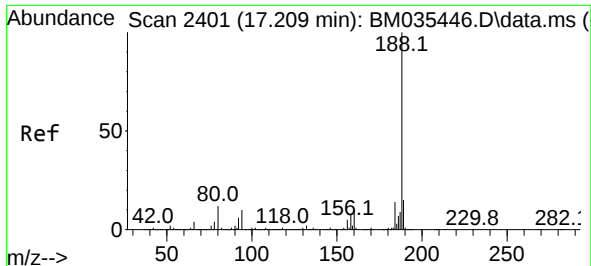
Tgt Ion:172 Resp: 2847095
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.0 18.7 28.1



#56
4-Nitrophenol
Concen: 5.657 ng
RT: 14.880 min Scan# 2005
Delta R.T. 0.129 min
Lab File: BM035613.D
Acq: 22 Jun 2022 22:55

Tgt Ion:139 Resp: 80
Ion Ratio Lower Upper
139 100
109 0.0 62.5 102.5#
65 0.0 83.5 123.5#

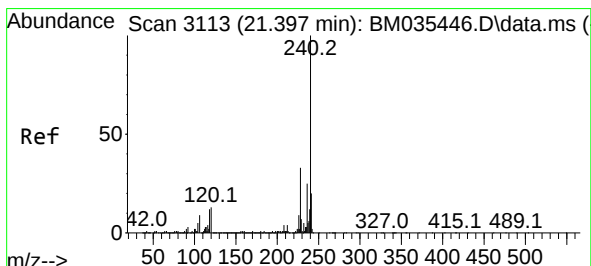
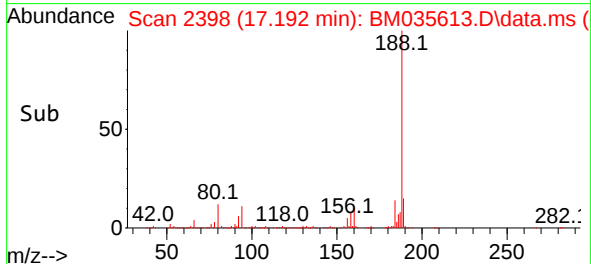
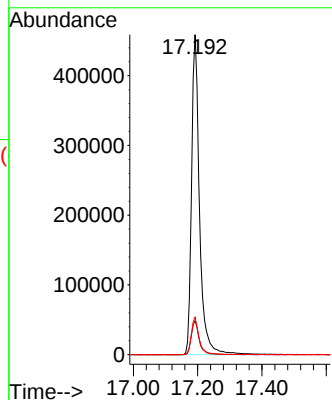
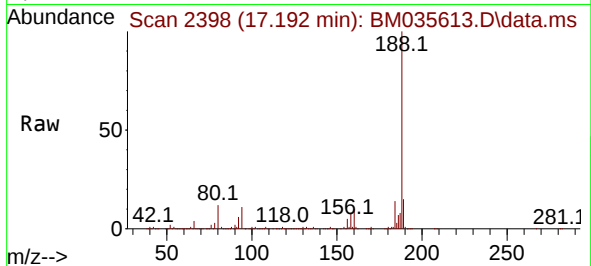




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035613.D
Acq: 22 Jun 2022 22:55

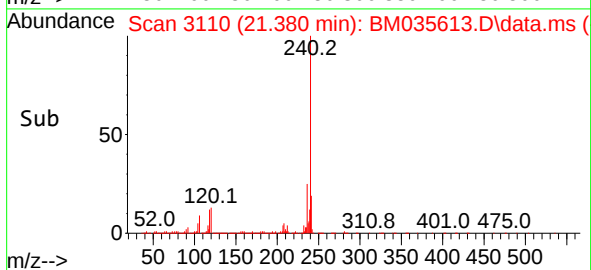
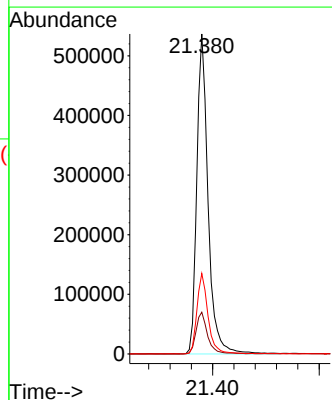
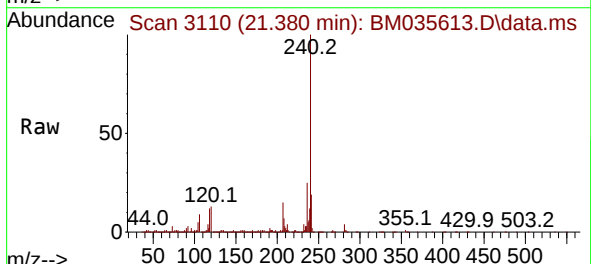
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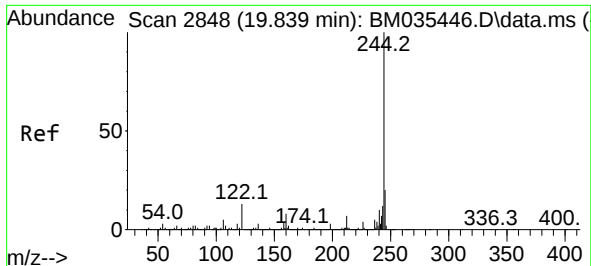
Tgt Ion:188 Resp: 791646
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.4#
80 11.7 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BM035613.D
Acq: 22 Jun 2022 22:55

Tgt Ion:240 Resp: 790302
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.0
236 25.2 20.6 30.8

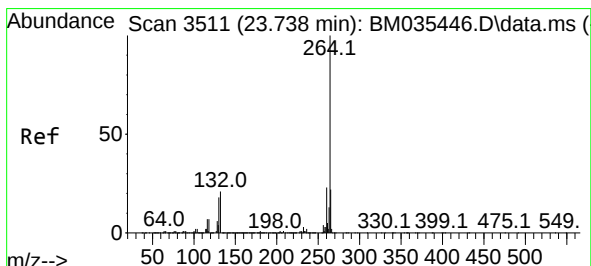
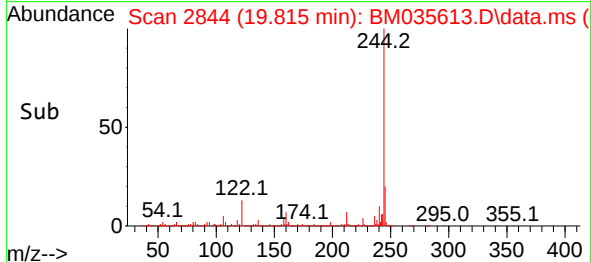
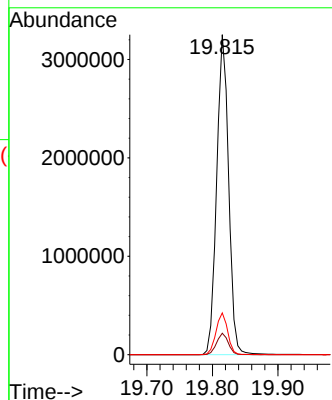
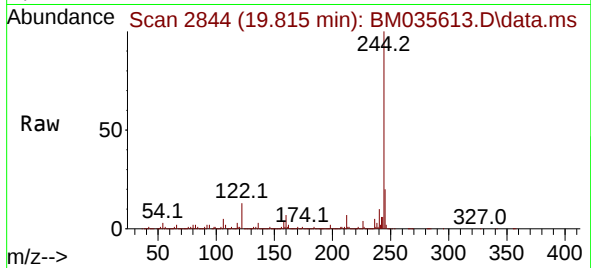




#79
 Terphenyl-d14
 Concen: 99.055 ng
 RT: 19.815 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035613.D
 Acq: 22 Jun 2022 22:55

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 4099998
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.4
 122 13.1 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 3507
 Delta R.T. 0.000 min
 Lab File: BM035613.D
 Acq: 22 Jun 2022 22:55

Tgt Ion:264 Resp: 905104
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.9 28.3
 265 22.2 17.5 26.3

