

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061522\
 Data File : BM035474.D
 Acq On : 15 Jun 2022 12:45
 Operator : CG/JU
 Sample : N3334-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-14A-1A-7

Quant Time: Jun 15 23:47:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 10 16:05:33 2022
 Response via : Initial Calibration

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

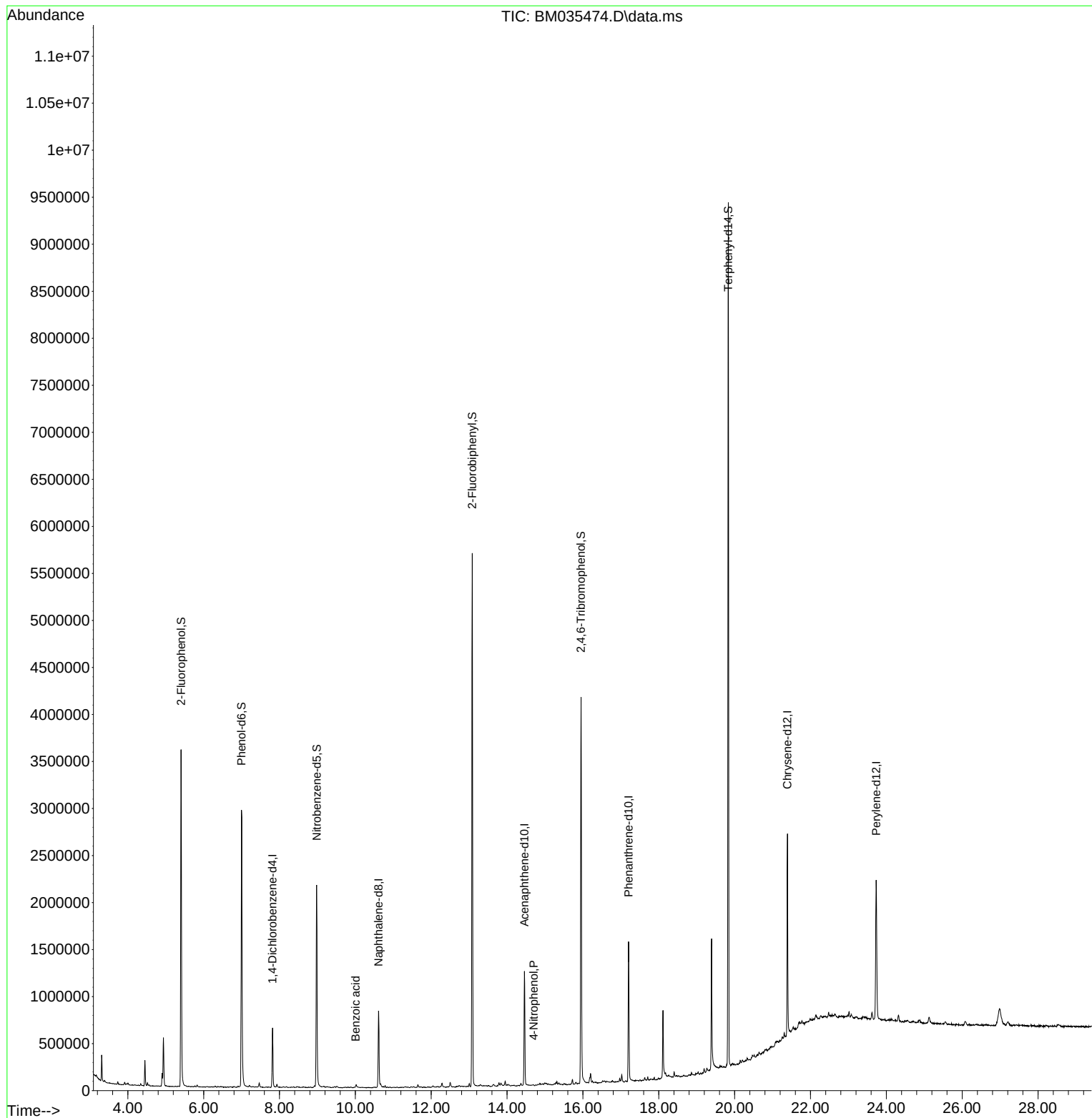
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	179550	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	718168	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	418479	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	882062	20.000	ng	# 0.00
76) Chrysene-d12	21.392	240	988311	20.000	ng	0.00
86) Perylene-d12	23.733	264	1116678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1570617	148.339	ng	0.00
7) Phenol-d6	6.998	99	1845033	125.748	ng	0.00
23) Nitrobenzene-d5	8.981	82	1294287	97.938	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	753619	169.148	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2970372	101.403	ng	0.00
79) Terphenyl-d14	19.833	244	4349565	84.031	ng	0.00
Target Compounds						
32) Benzoic acid	10.010	122	843	4.732	ng	# 1
56) 4-Nitrophenol	14.704	139	147	5.667	ng	# 7

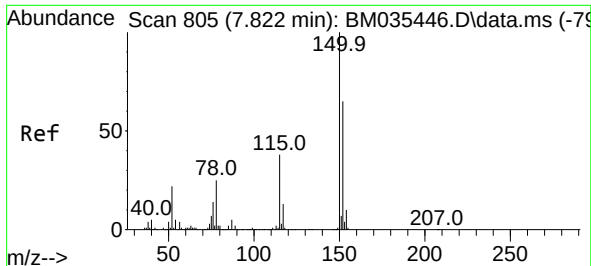
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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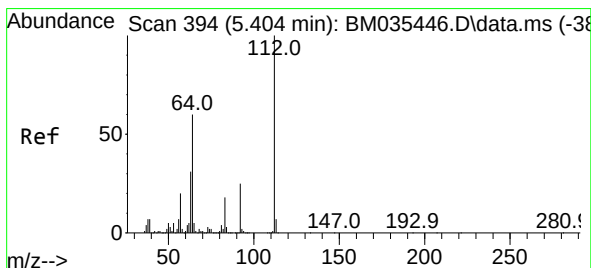
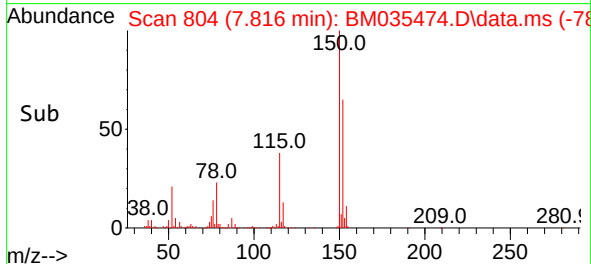
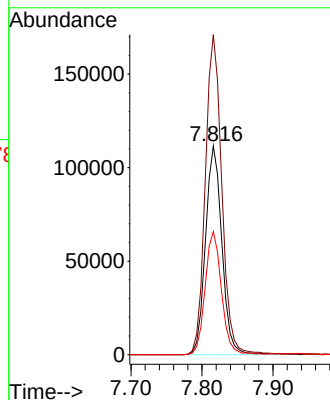
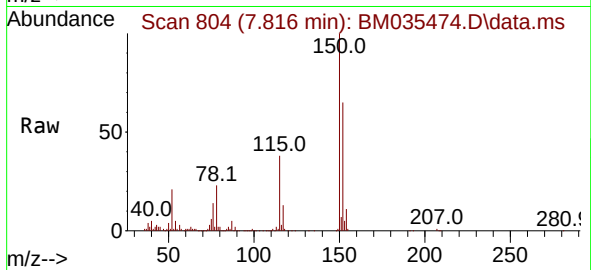




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM035474.D
Acq: 15 Jun 2022 12:45

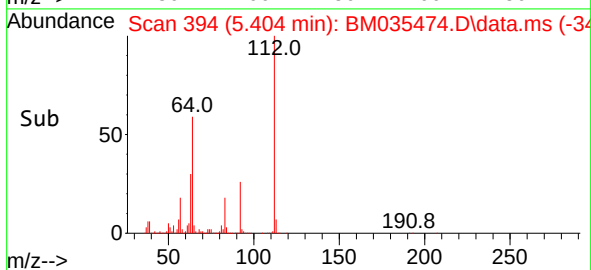
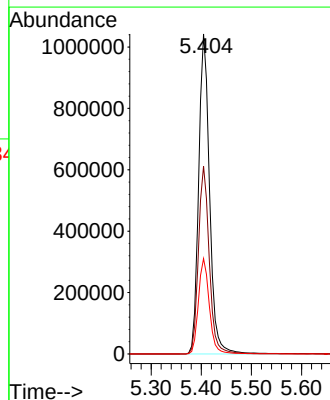
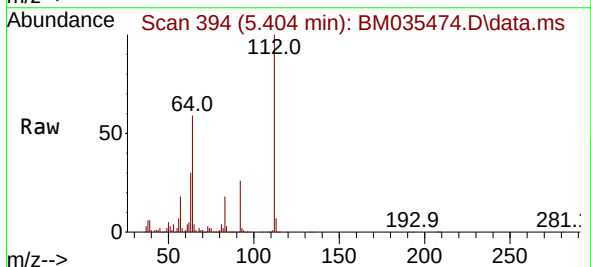
Instrument :
BNA_M
ClientSampleId :
WC-14A-1A-7

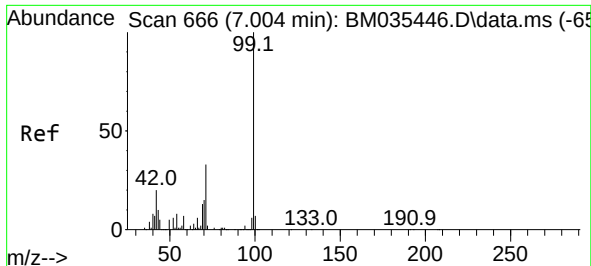
Tgt Ion:152 Resp: 179550
Ion Ratio Lower Upper
152 100
150 153.2 124.9 187.3
115 58.9 47.9 71.9



#5
2-Fluorophenol
Concen: 148.339 ng
RT: 5.404 min Scan# 394
Delta R.T. 0.000 min
Lab File: BM035474.D
Acq: 15 Jun 2022 12:45

Tgt Ion:112 Resp: 1570617
Ion Ratio Lower Upper
112 100
64 58.7 47.8 71.6
63 29.8 26.6 40.0

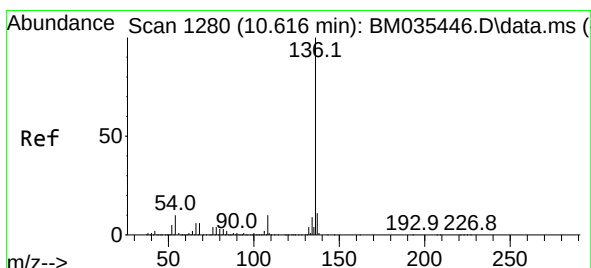
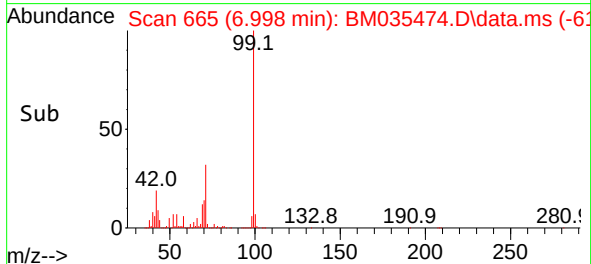
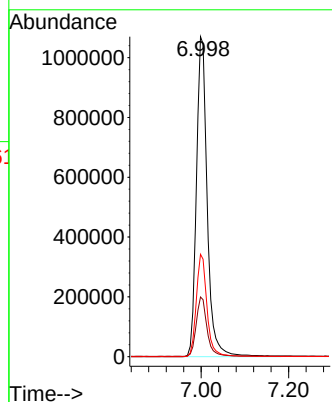
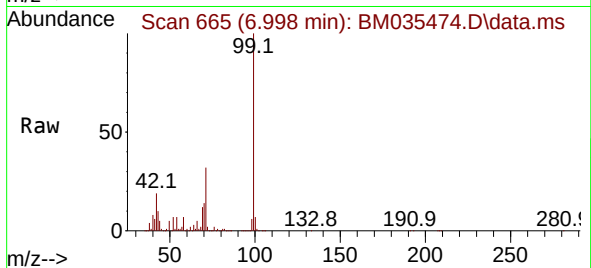




#7
Phenol-d6
Concen: 125.748 ng
RT: 6.998 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM035474.D
Acq: 15 Jun 2022 12:45

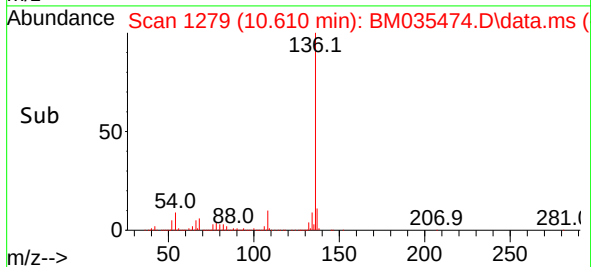
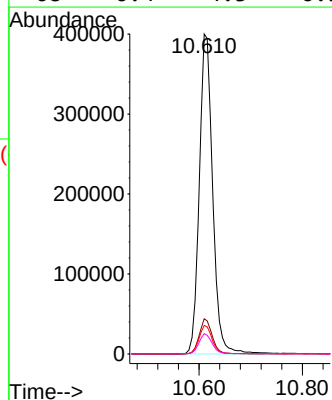
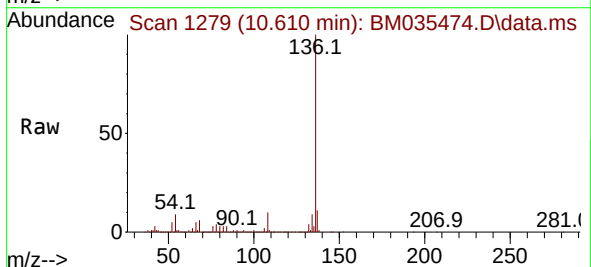
Instrument :
BNA_M
ClientSampleId :
WC-14A-1A-7

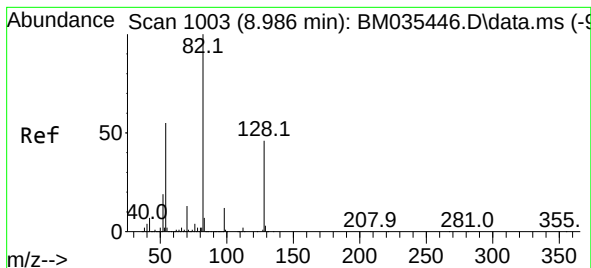
Tgt Ion: 99 Resp: 1845033
Ion Ratio Lower Upper
99 100
42 18.6 18.8 28.2#
71 32.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM035474.D
Acq: 15 Jun 2022 12:45

Tgt Ion:136 Resp: 718168
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.9 7.0 10.4
68 6.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 97.938 ng

RT: 8.981 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BM035474.D

Acq: 15 Jun 2022 12:45

Instrument :

BNA_M

ClientSampleId :

WC-14A-1A-7

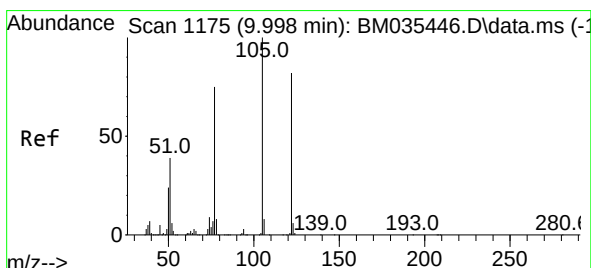
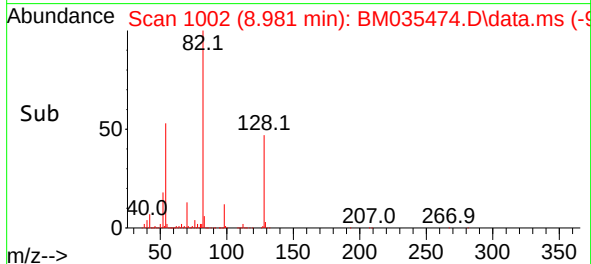
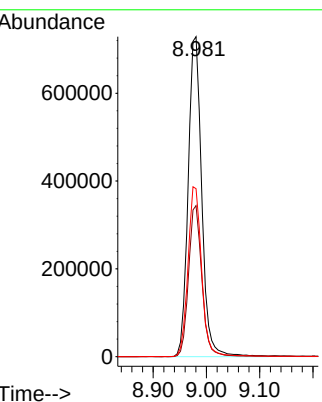
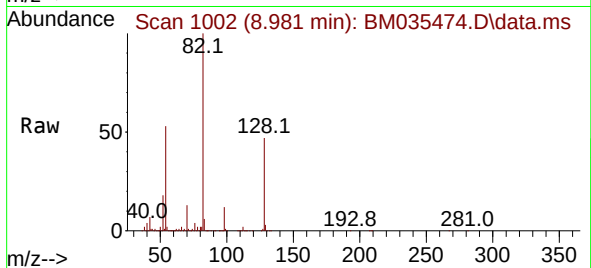
Tgt Ion: 82 Resp: 1294287

Ion Ratio Lower Upper

82 100

128 47.2 33.7 50.5

54 52.5 43.2 64.8



#32

Benzoic acid

Concen: 4.732 ng

RT: 10.010 min Scan# 1177

Delta R.T. 0.012 min

Lab File: BM035474.D

Acq: 15 Jun 2022 12:45

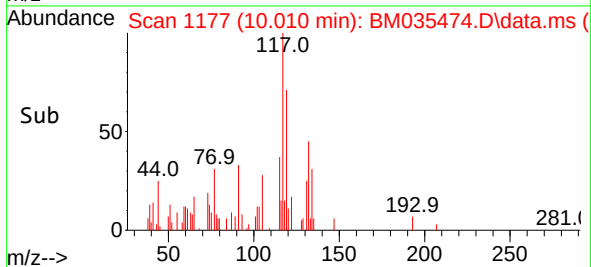
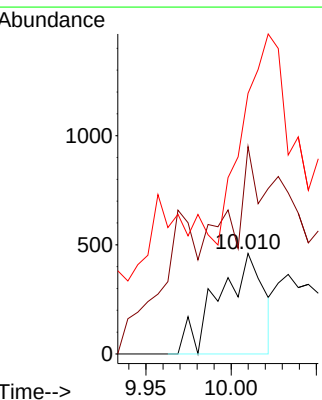
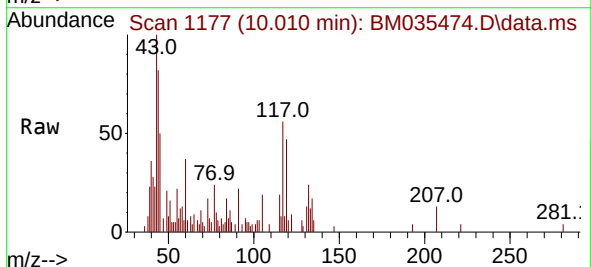
Tgt Ion:122 Resp: 843

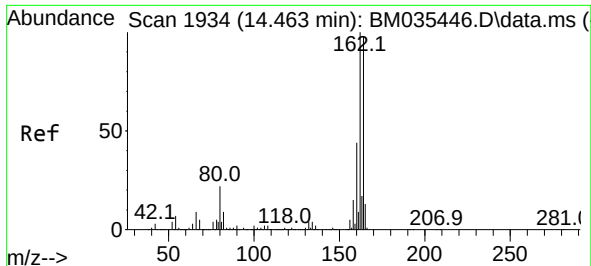
Ion Ratio Lower Upper

122 100

105 206.5 105.7 145.7#

77 259.6 80.0 120.0#

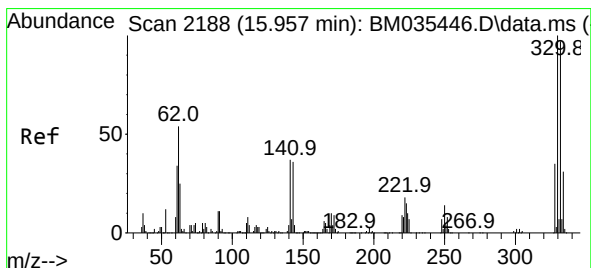
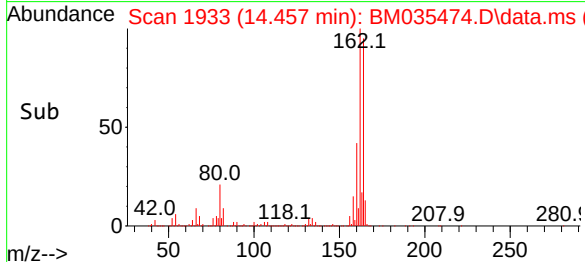
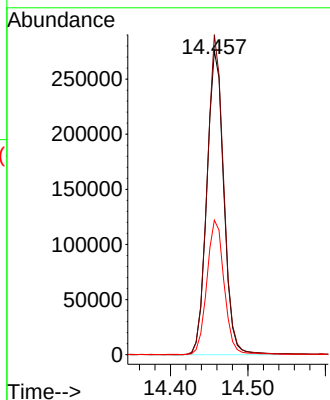
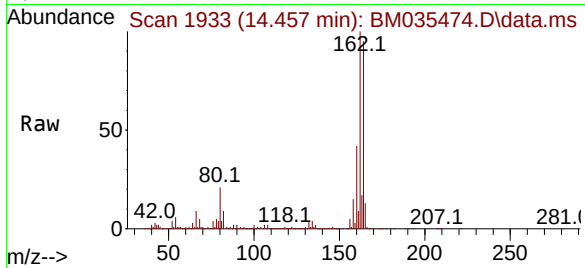




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM035474.D
Acq: 15 Jun 2022 12:45

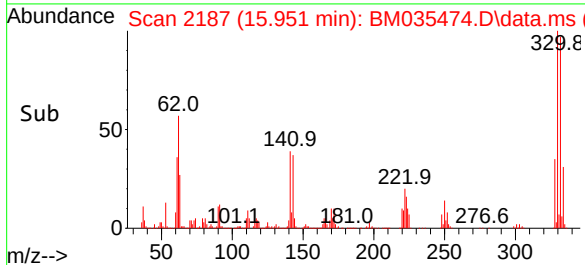
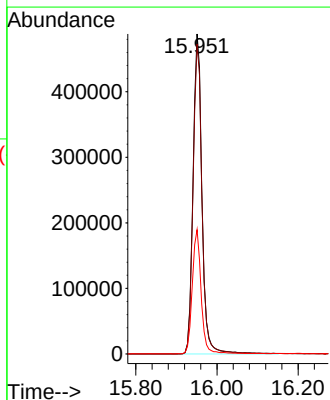
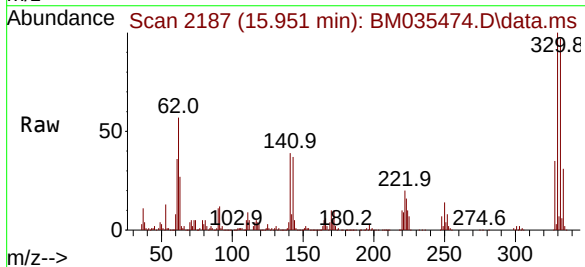
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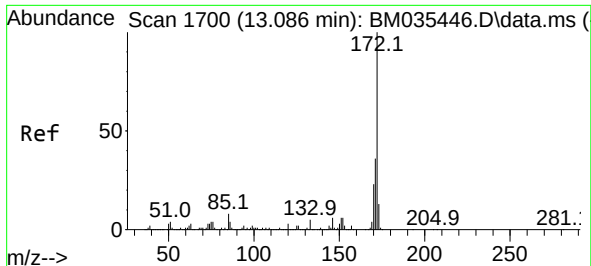
Tgt Ion:164 Resp: 418479
Ion Ratio Lower Upper
164 100
162 105.3 83.0 124.6
160 44.3 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 169.148 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM035474.D
Acq: 15 Jun 2022 12:45

Tgt Ion:330 Resp: 753619
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 38.7 35.3 52.9

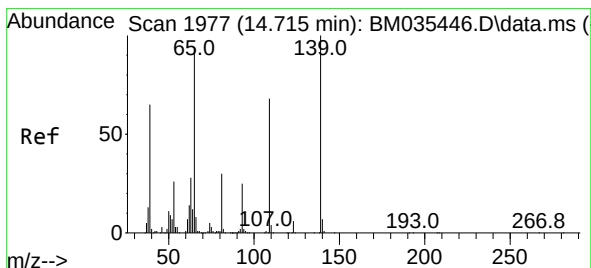
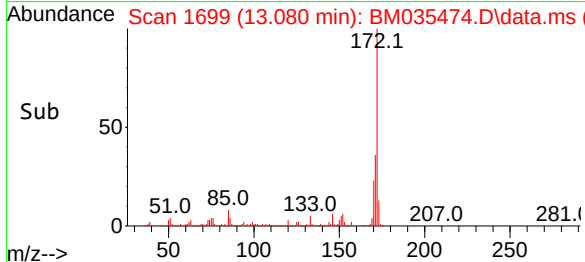
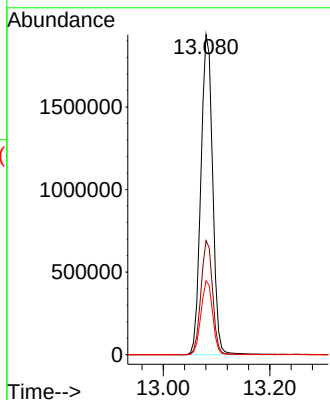
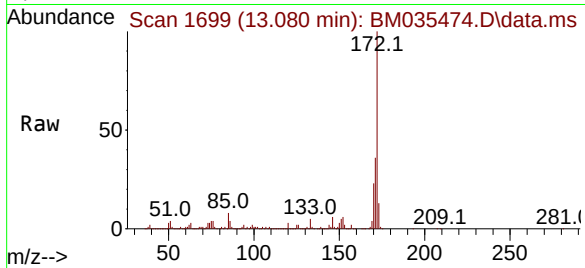




#45
2-Fluorobiphenyl
Concen: 101.403 ng
RT: 13.080 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035474.D
Acq: 15 Jun 2022 12:45

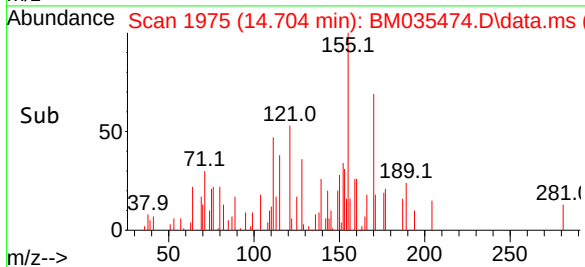
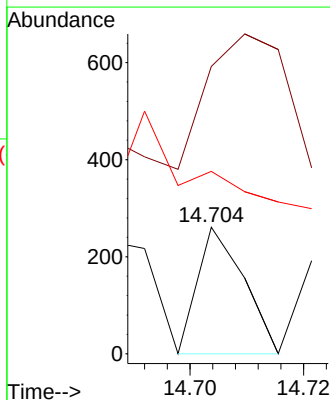
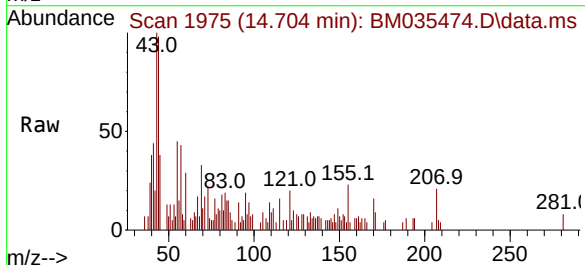
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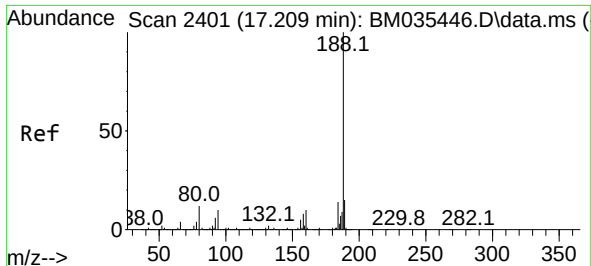
Tgt Ion:172 Resp: 2970372
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.1 18.7 28.1



#56
4-Nitrophenol
Concen: 5.667 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.011 min
Lab File: BM035474.D
Acq: 15 Jun 2022 12:45

Tgt Ion:139 Resp: 147
Ion Ratio Lower Upper
139 100
109 226.8 62.5 102.5#
65 144.1 83.5 123.5#

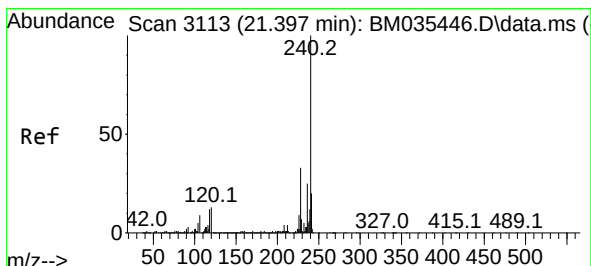
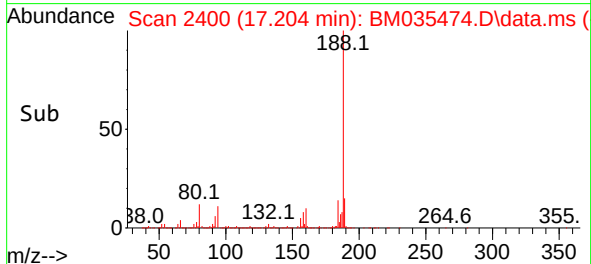
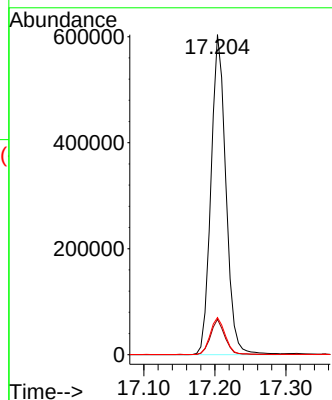
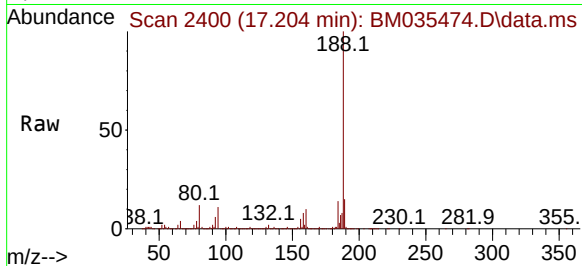




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM035474.D
Acq: 15 Jun 2022 12:45

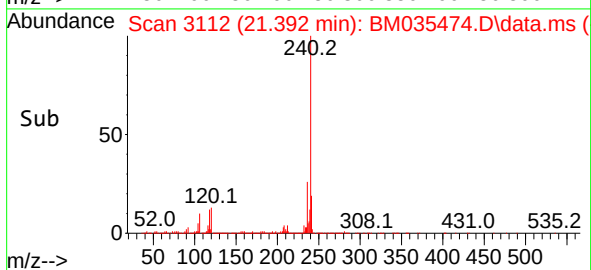
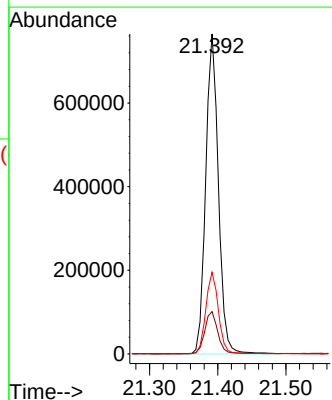
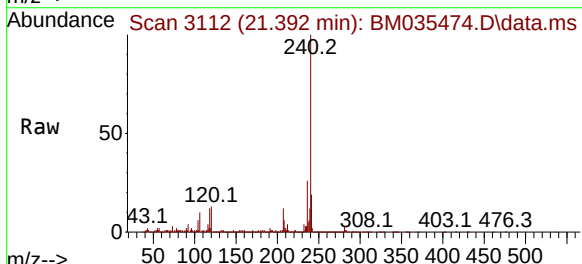
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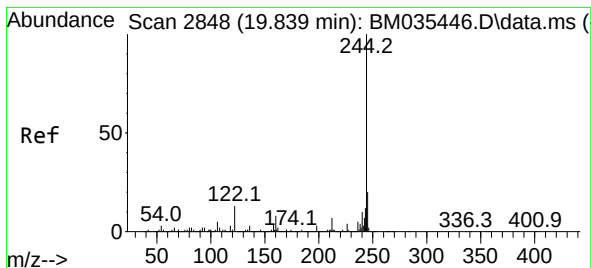
Tgt Ion:188 Resp: 882062
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.4#
80 11.6 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM035474.D
Acq: 15 Jun 2022 12:45

Tgt Ion:240 Resp: 988311
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.0
236 25.5 20.6 30.8





#79

Terphenyl-d14

Concen: 84.031 ng

RT: 19.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035474.D

Acq: 15 Jun 2022 12:45

Instrument :

BNA_M

ClientSampleId :

WC-14A-1A-7

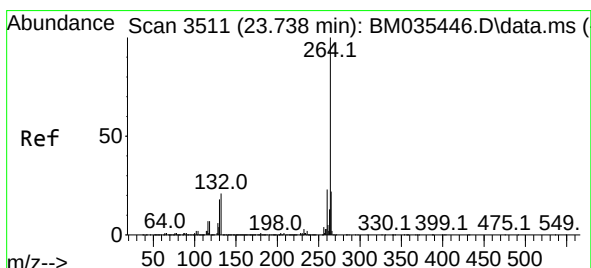
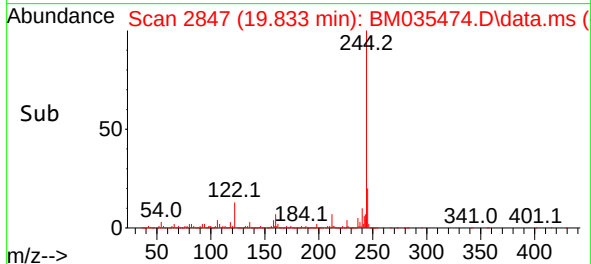
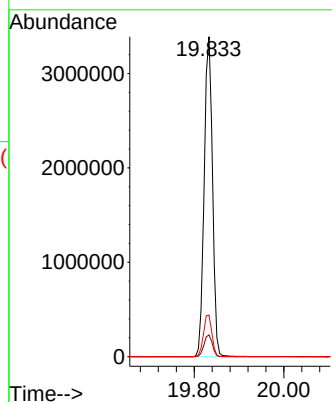
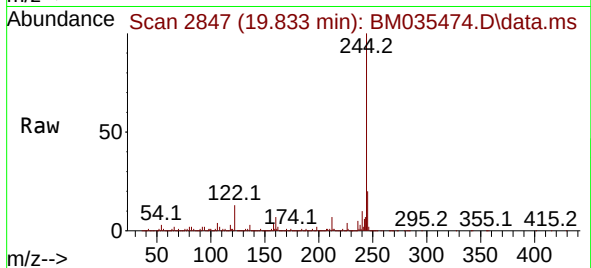
Tgt Ion:244 Resp: 4349565

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.4

122 13.0 8.3 12.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.733 min Scan# 3510

Delta R.T. -0.006 min

Lab File: BM035474.D

Acq: 15 Jun 2022 12:45

Tgt Ion:264 Resp: 1116678

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.2 17.5 26.3

