

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035833.D
 Acq On : 15 Jul 2022 16:57
 Operator : CG/JU
 Sample : PB146152BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB146152BL

Quant Time: Jul 15 23:47:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

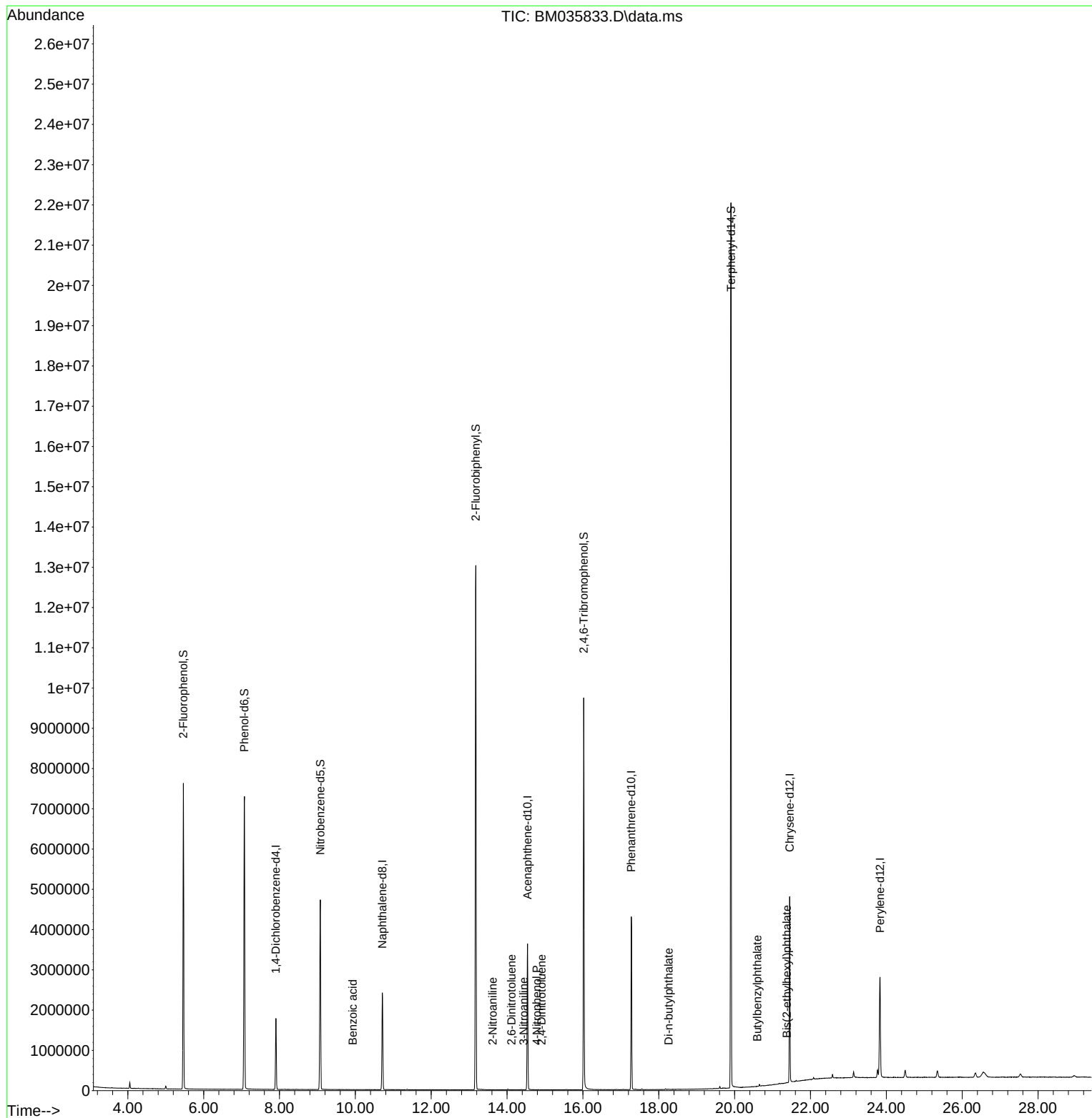
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	455878	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	2008154	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	1238324	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	2464780	20.000	ng	0.00
76) Chrysene-d12	21.450	240	2021938	20.000	ng	0.00
86) Perylene-d12	23.833	264	1782745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	3236342	115.310	ng	0.00
7) Phenol-d6	7.075	99	4189986	119.350	ng	0.00
23) Nitrobenzene-d5	9.075	82	2629628	74.859	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1758731	139.856	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	6429555	72.410	ng	0.00
79) Terphenyl-d14	19.903	244	9935332	95.386	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.933	122	228	8.047	ng	# 1
48) 2-Nitroaniline	13.621	65	171	3.604	ng	# 21
51) 2,6-Dinitrotoluene	14.116	165	346	2.314	ng	# 51
53) 3-Nitroaniline	14.439	138	120	2.674	ng	# 90
56) 4-Nitrophenol	14.780	139	55	4.053	ng	# 1
57) 2,4-Dinitrotoluene	14.910	165	571	3.360	ng	# 22
74) Di-n-butylphthalate	18.256	149	3206	2.286	ng	# 91
80) Butylbenzylphthalate	20.597	149	915	4.179	ng	# 76
84) Bis(2-ethylhexyl)phtha...	21.374	149	2164	3.264	ng	# 86

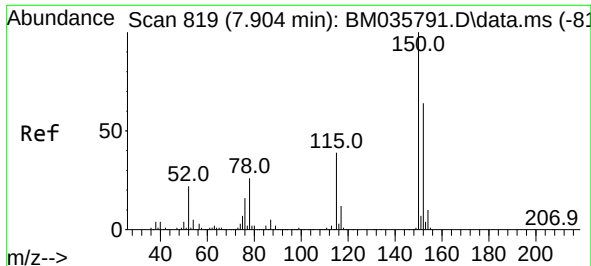
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
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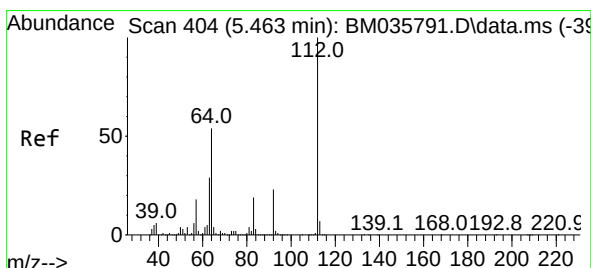
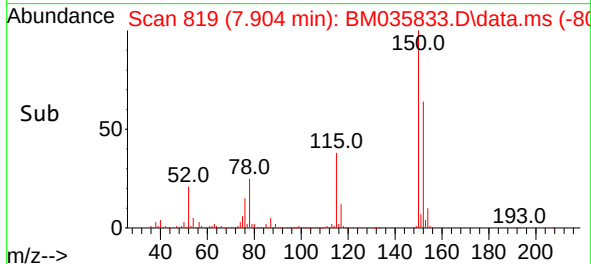
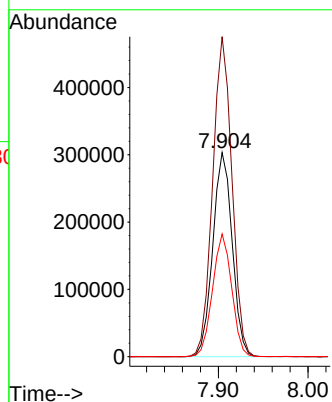
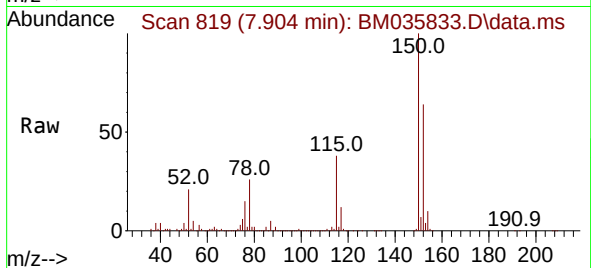




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035833.D
 Acq: 15 Jul 2022 16:57

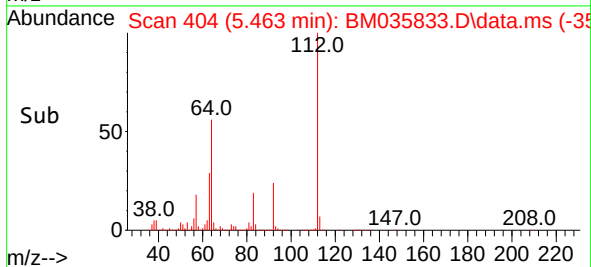
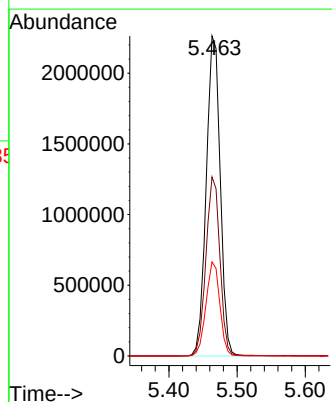
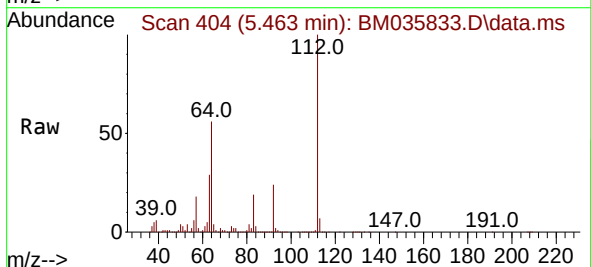
Instrument :
 BNA_M
 ClientSampleId :
 PB146152BL

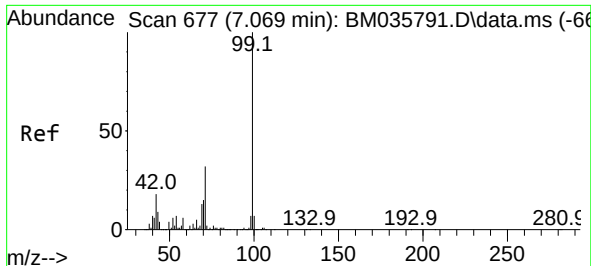
Tgt Ion:152 Resp: 455878
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.9 187.3
 115 60.1 47.9 71.9



#5
 2-Fluorophenol
 Concen: 115.310 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035833.D
 Acq: 15 Jul 2022 16:57

Tgt Ion:112 Resp: 3236342
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.8 71.6
 63 29.4 26.6 40.0

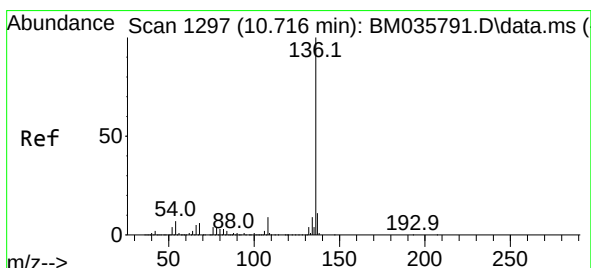
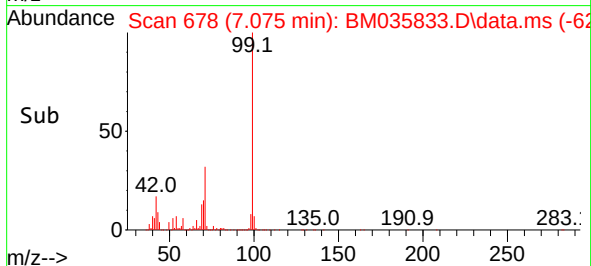
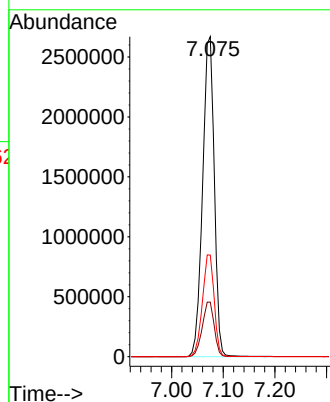
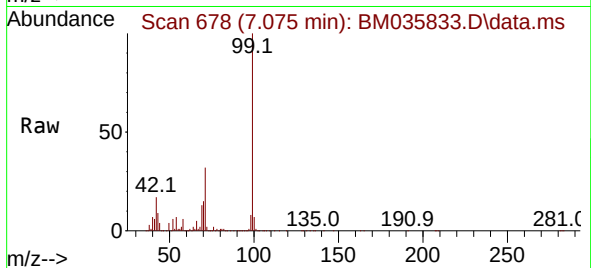




#7
Phenol-d6
Concen: 119.350 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

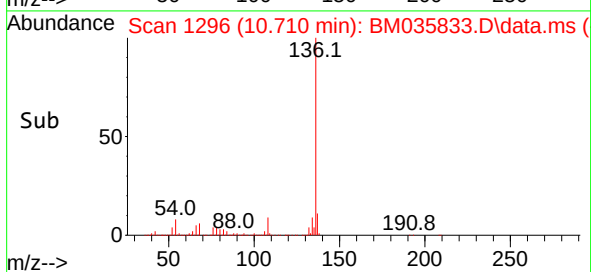
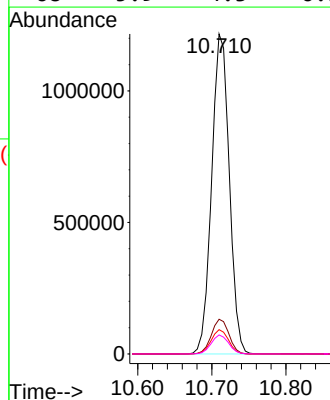
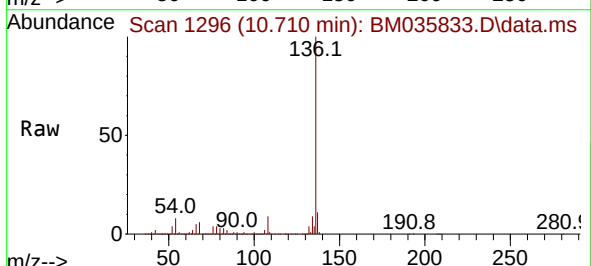
Instrument :
BNA_M
ClientSampleId :
PB146152BL

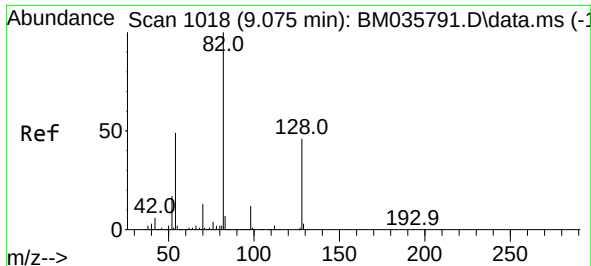
Tgt Ion: 99 Resp: 4189986
Ion Ratio Lower Upper
99 100
42 17.1 18.8 28.2#
71 31.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

Tgt Ion: 136 Resp: 2008154
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 7.0 10.4
68 5.9 4.3 6.5

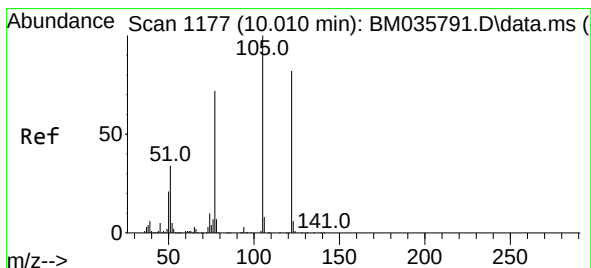
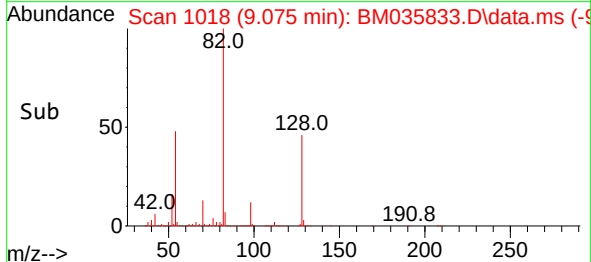
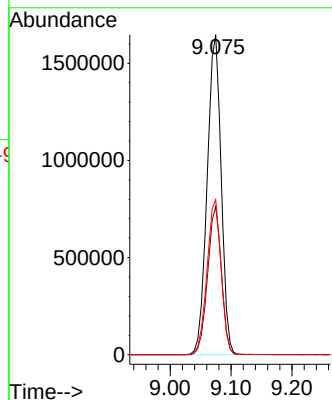
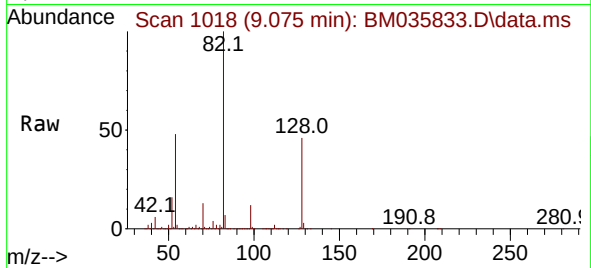




#23
Nitrobenzene-d5
Concen: 74.859 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

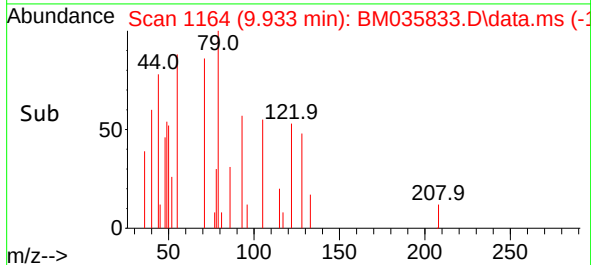
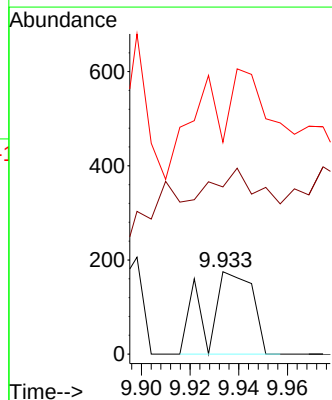
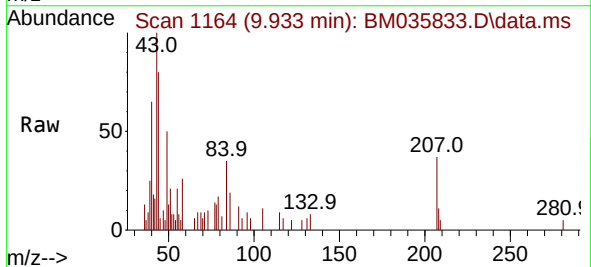
Instrument :
BNA_M
ClientSampleId :
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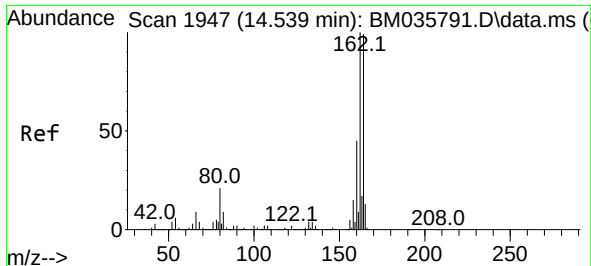
Tgt Ion: 82 Resp: 2629628
Ion Ratio Lower Upper
82 100
128 46.3 33.7 50.5
54 48.4 43.2 64.8



#32
Benzoic acid
Concen: 8.047 ng
RT: 9.933 min Scan# 1164
Delta R.T. -0.077 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

Tgt Ion:122 Resp: 228
Ion Ratio Lower Upper
122 100
105 202.9 105.7 145.7#
77 257.1 80.0 120.0#

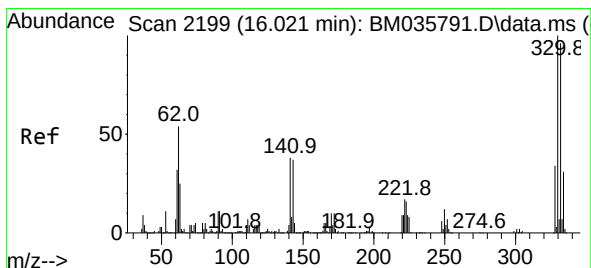
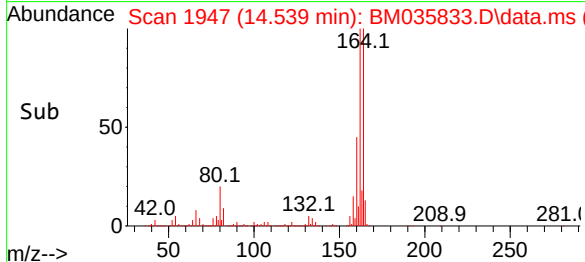
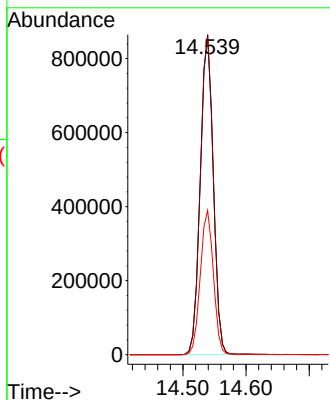
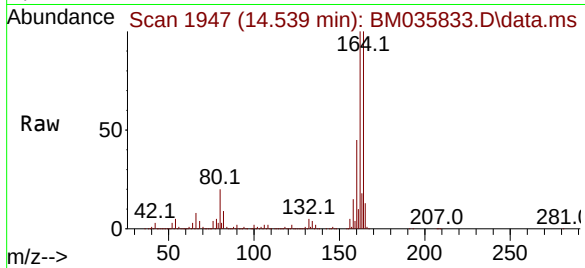




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

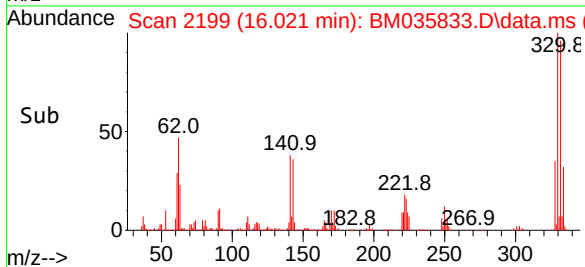
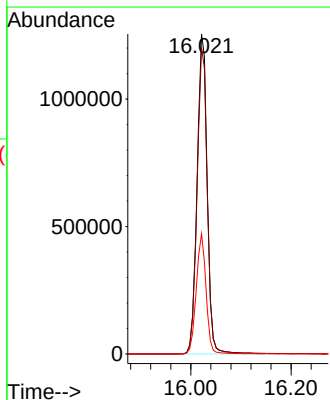
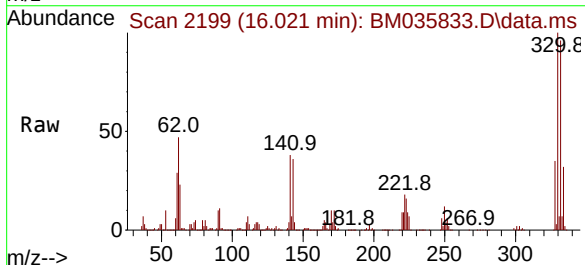
Instrument :
BNA_M
ClientSampleId :
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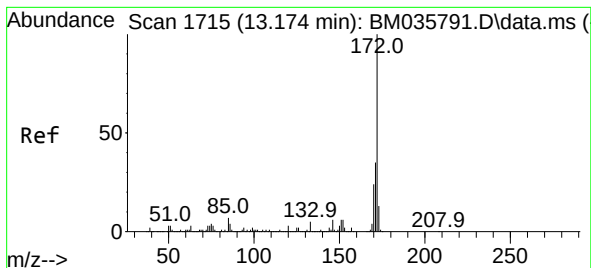
Tgt Ion:164 Resp: 1238324
Ion Ratio Lower Upper
164 100
162 99.9 83.0 124.6
160 45.1 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 139.856 ng
RT: 16.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

Tgt Ion:330 Resp: 1758731
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 36.4 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 72.410 ng

RT: 13.174 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035833.D

Acq: 15 Jul 2022 16:57

Instrument :

BNA_M

ClientSampleId :

PB146152BL

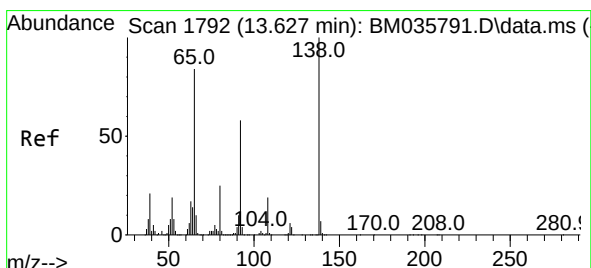
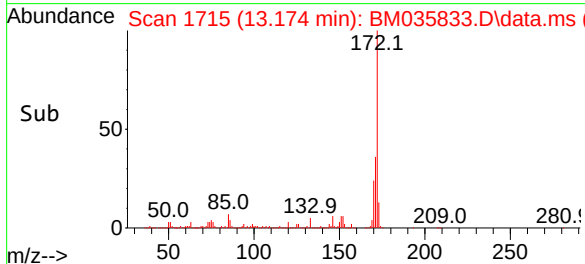
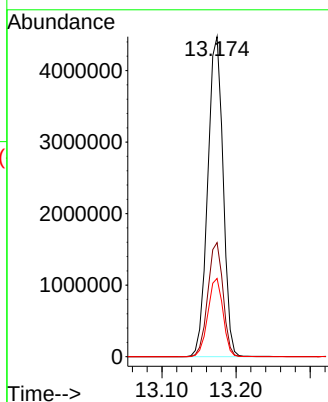
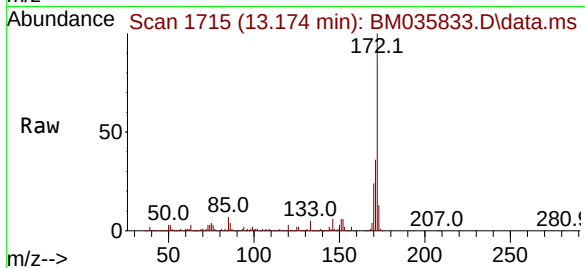
Tgt Ion:172 Resp: 6429555

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.4 18.7 28.1



#48

2-Nitroaniline

Concen: 3.604 ng

RT: 13.621 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BM035833.D

Acq: 15 Jul 2022 16:57

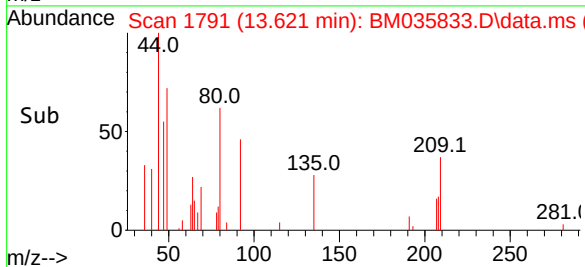
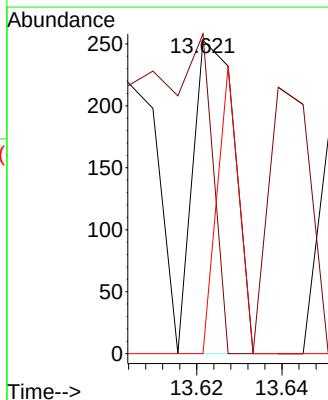
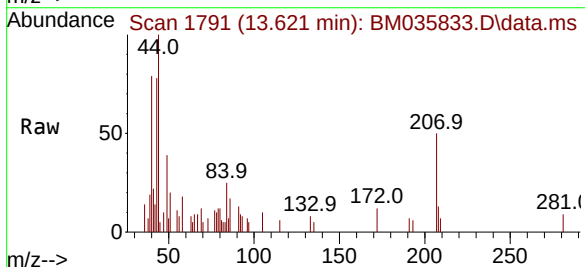
Tgt Ion: 65 Resp: 171

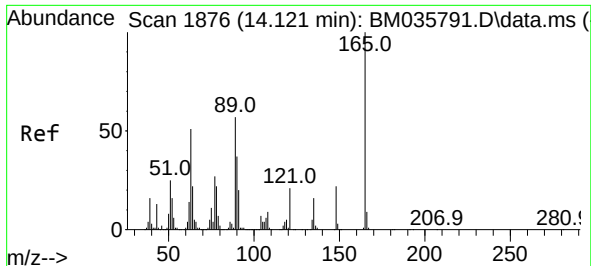
Ion Ratio Lower Upper

65 100

92 102.0 53.7 80.5#

138 0.0 83.9 125.9#

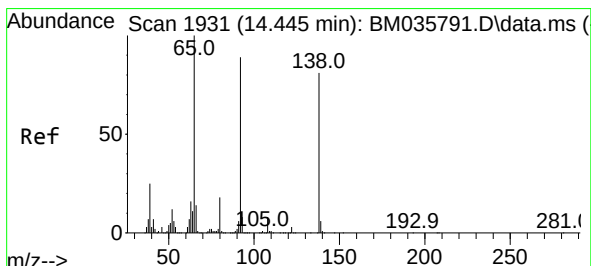
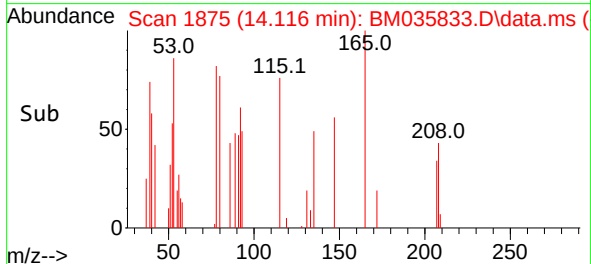
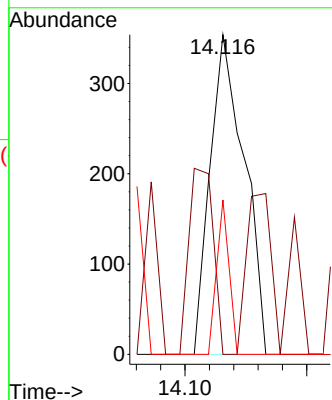
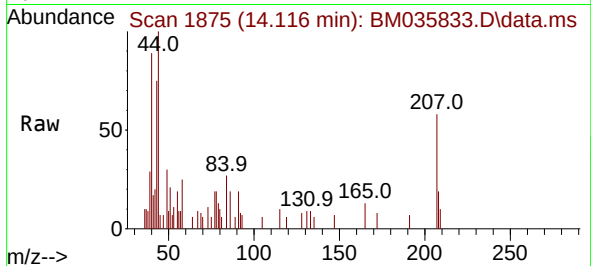




#51
2,6-Dinitrotoluene
Concen: 2.314 ng
RT: 14.116 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

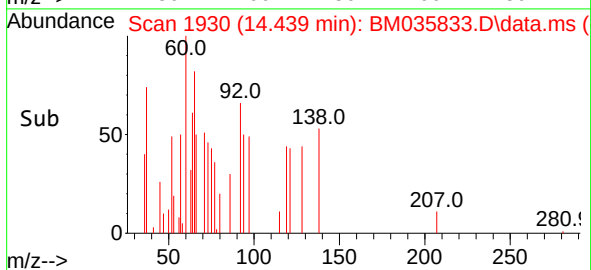
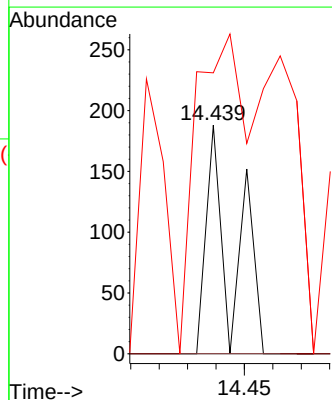
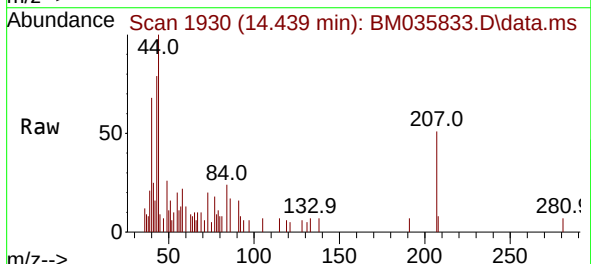
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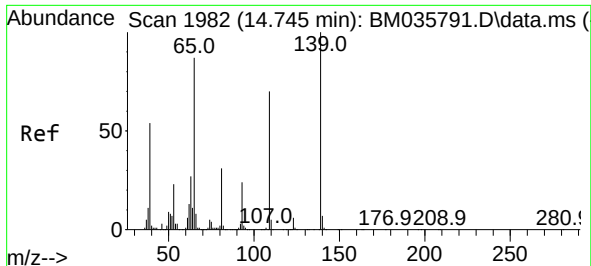
Tgt Ion:165 Resp: 346
Ion Ratio Lower Upper
165 100
63 0.0 50.2 75.2#
89 48.3 48.4 72.6#



#53
3-Nitroaniline
Concen: 2.674 ng
RT: 14.439 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

Tgt Ion:138 Resp: 120
Ion Ratio Lower Upper
138 100
108 0.0 8.7 13.1#
92 122.9 91.5 137.3

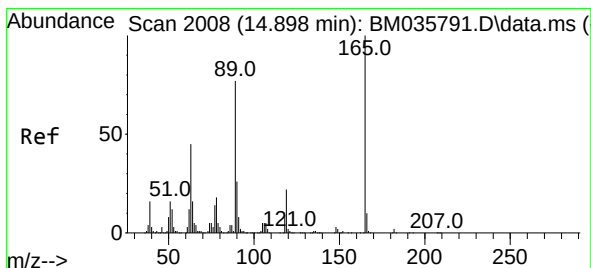
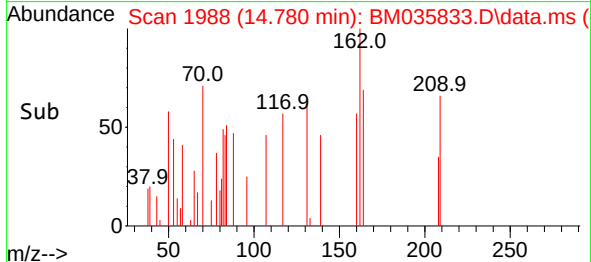
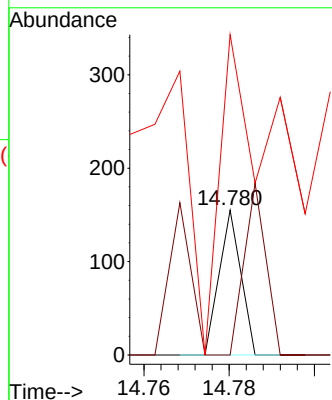
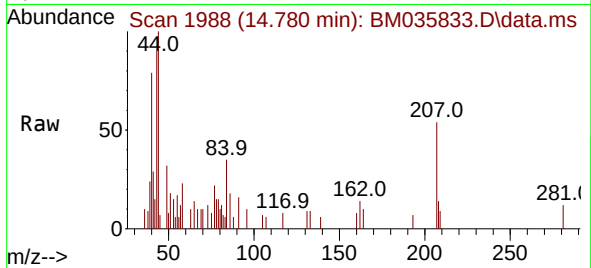




#56
4-Nitrophenol
Concen: 4.053 ng
RT: 14.780 min Scan# 1982
Delta R.T. 0.035 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

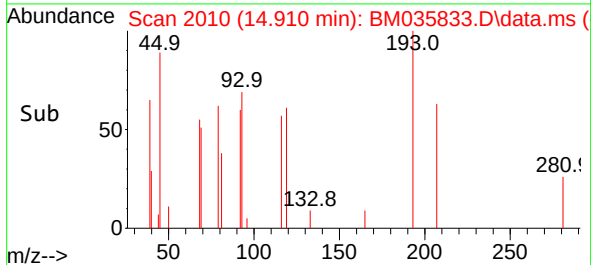
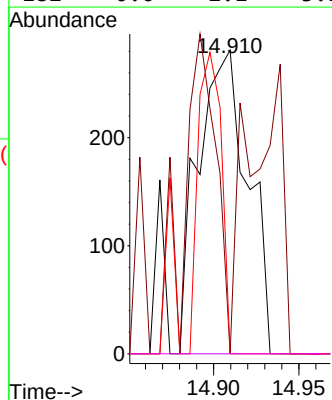
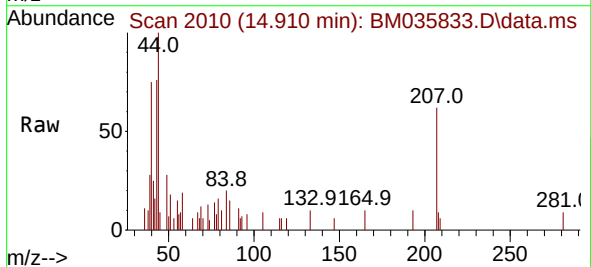
Instrument :
BNA_M
ClientSampleId :
PB146152BL

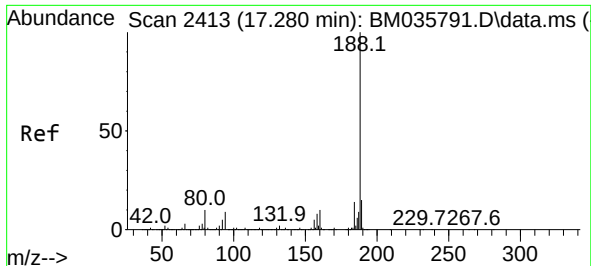
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 0.0 62.5 102.5#
65 221.3 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 3.360 ng
RT: 14.910 min Scan# 2010
Delta R.T. 0.012 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

Tgt Ion:165 Resp: 571
Ion Ratio Lower Upper
165 100
63 0.0 35.6 53.4#
89 0.0 57.3 85.9#
182 0.0 2.1 3.1#

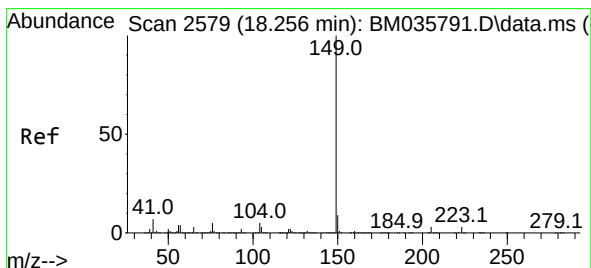
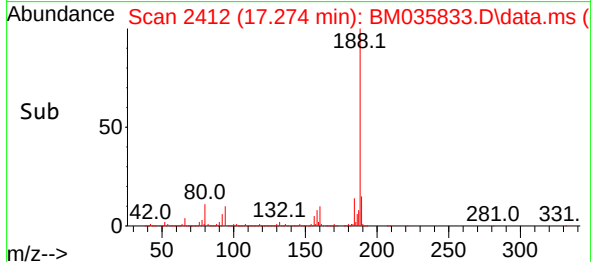
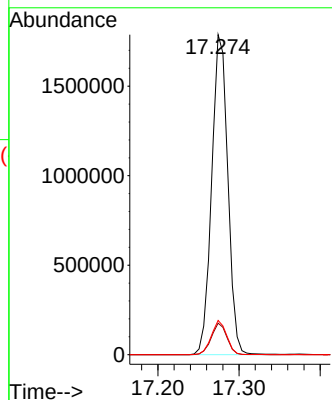
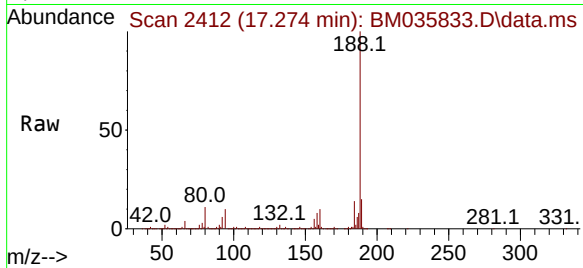




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

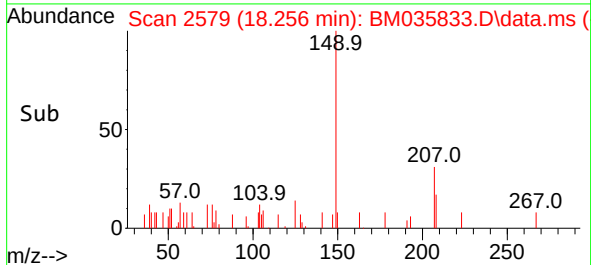
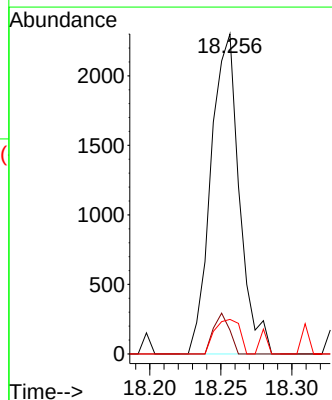
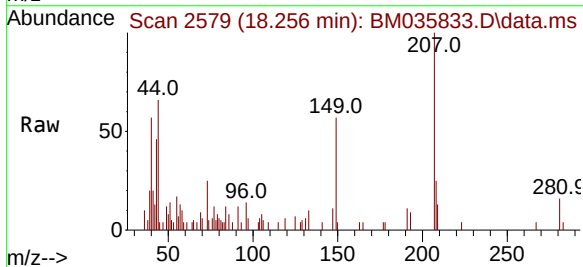
Instrument :
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ClientSampleId :
PB146152BL

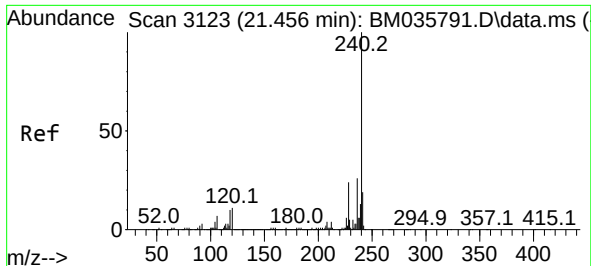
Tgt Ion:188 Resp: 2464780
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 10.7 7.6 11.4



#74
Di-n-butylphthalate
Concen: 2.286 ng
RT: 18.256 min Scan# 2579
Delta R.T. 0.000 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

Tgt Ion:149 Resp: 3206
Ion Ratio Lower Upper
149 100
150 7.4 7.3 10.9
104 10.8 4.3 6.5

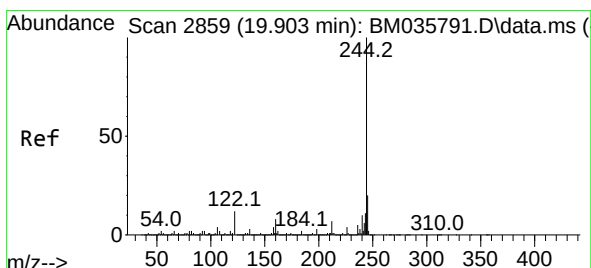
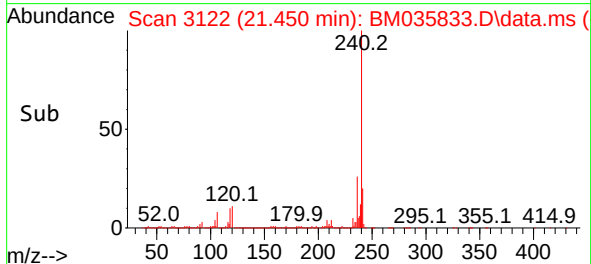
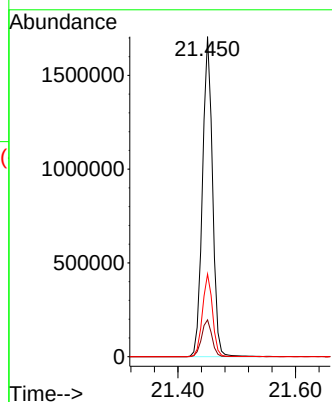
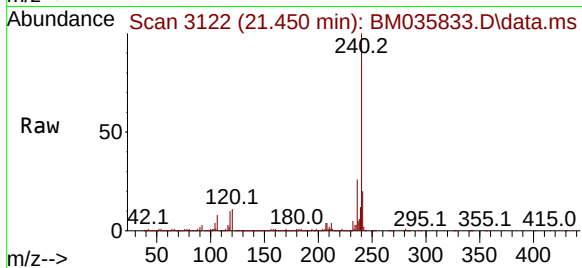




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

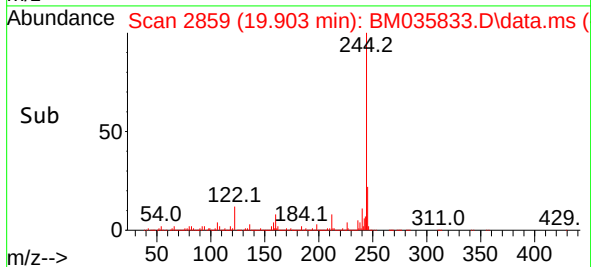
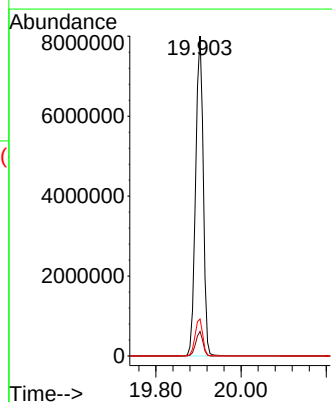
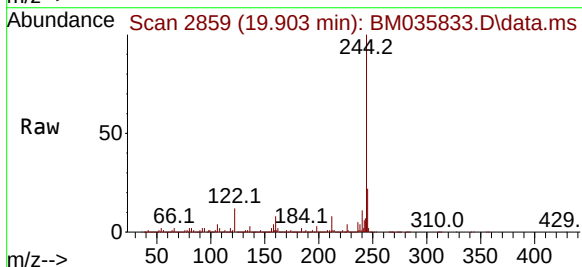
Instrument :
BNA_M
ClientSampleId :
PB146152BL

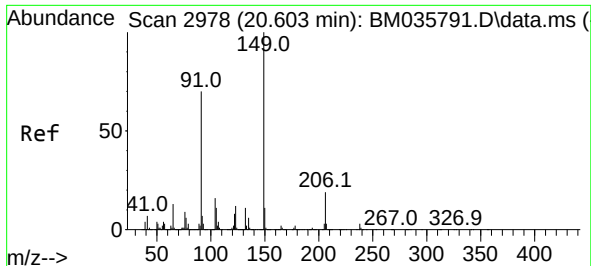
Tgt Ion:240 Resp: 2021938
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.0
236 25.8 20.6 30.8



#79
Terphenyl-d14
Concen: 95.386 ng
RT: 19.903 min Scan# 2859
Delta R.T. 0.000 min
Lab File: BM035833.D
Acq: 15 Jul 2022 16:57

Tgt Ion:244 Resp: 9935332
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 11.5 8.3 12.5

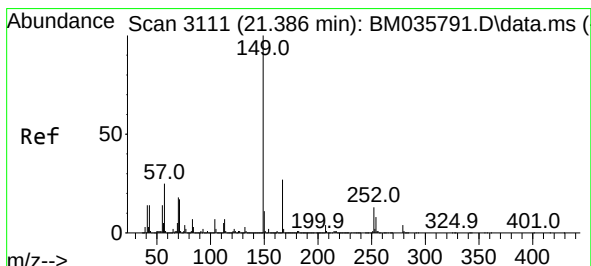
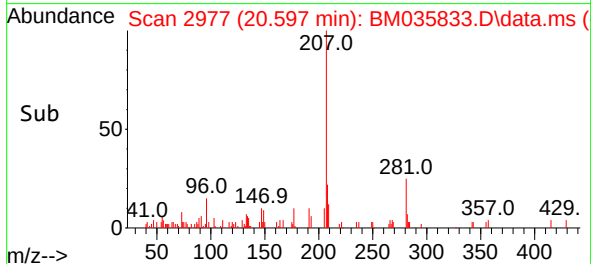
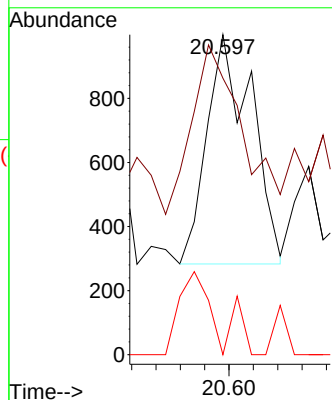
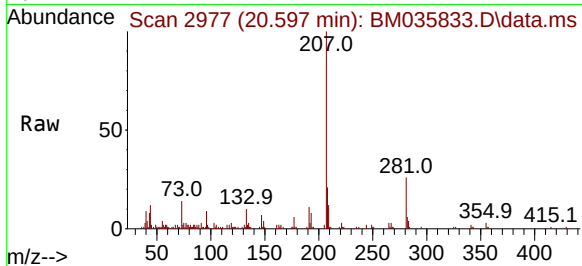




#80
 Butylbenzylphthalate
 Concen: 4.179 ng
 RT: 20.597 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035833.D
 Acq: 15 Jul 2022 16:57

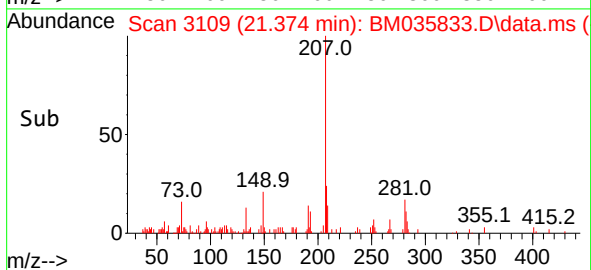
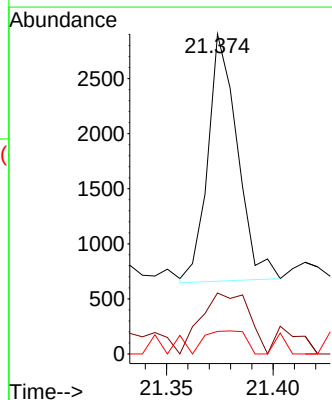
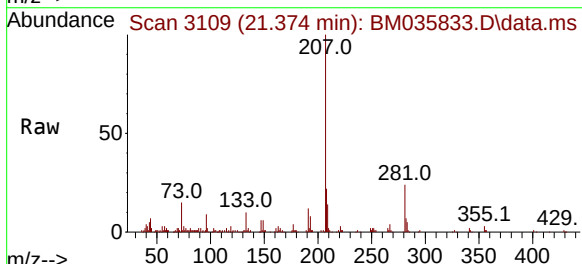
Instrument :
 BNA_M
 ClientSampleId :
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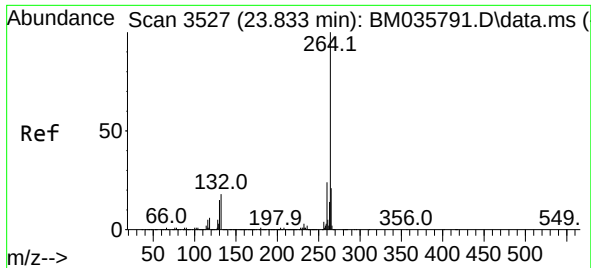
Tgt Ion:	149	Resp:	915
Ion	Ratio	Lower	Upper
149	100		
91	86.4	56.6	85.0#
206	0.0	15.4	23.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.264 ng
 RT: 21.374 min Scan# 3109
 Delta R.T. -0.012 min
 Lab File: BM035833.D
 Acq: 15 Jul 2022 16:57

Tgt Ion:	149	Resp:	2164
Ion	Ratio	Lower	Upper
149	100		
167	19.0	21.1	31.7#
279	7.1	2.8	4.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.833 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM035833.D
 Acq: 15 Jul 2022 16:57

Instrument :
 BNA_M
 ClientSampleId :
 PB146152BL

Tgt Ion:264 Resp: 1782745
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 22.0 17.5 26.3

