

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035843.D
 Acq On : 15 Jul 2022 23:04
 Operator : CG/JU
 Sample : N3651-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW-7

Quant Time: Jul 15 23:49:28 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)

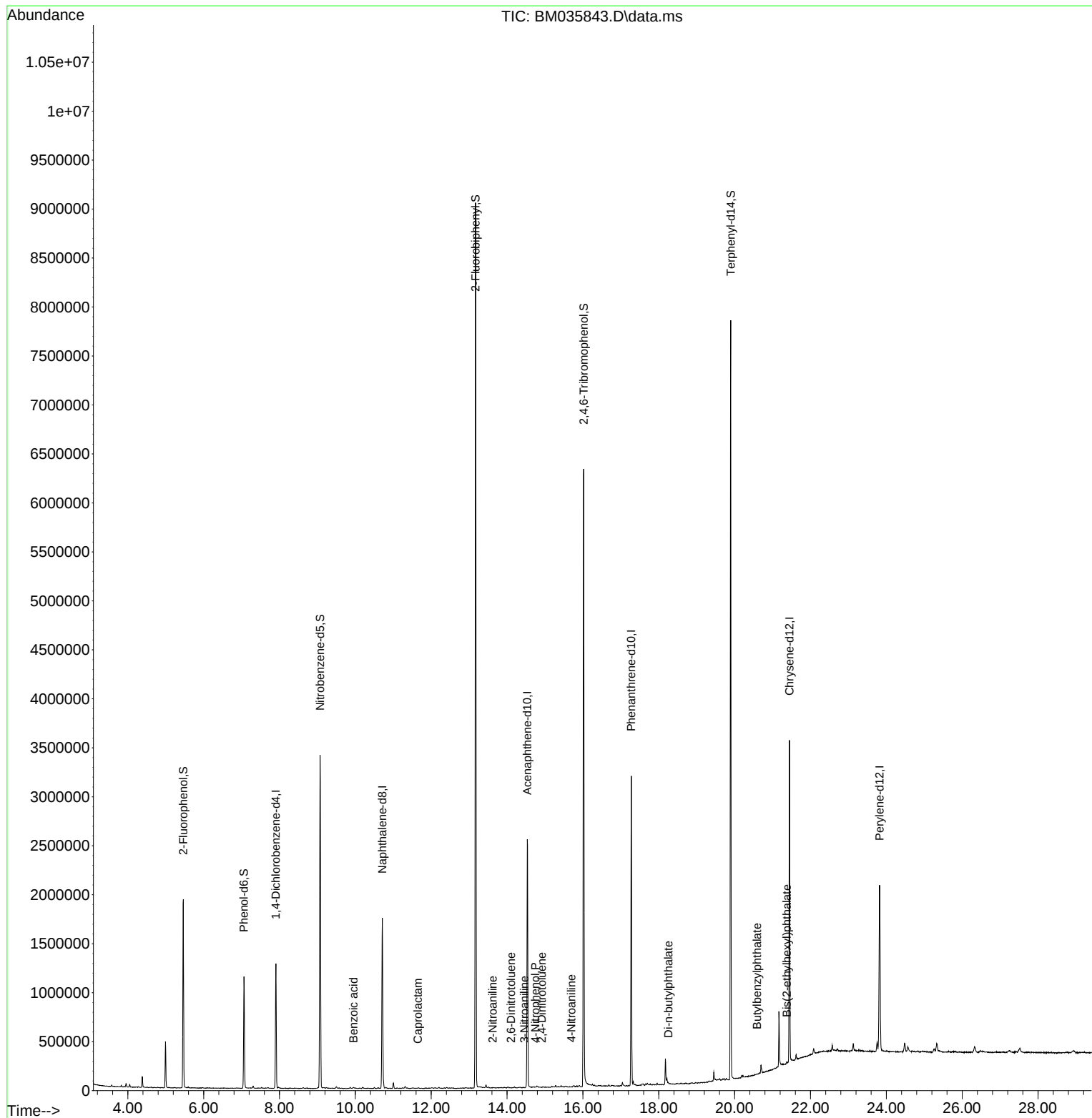
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	330245	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1437639	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	878663	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1790820	20.000	ng	0.00
76) Chrysene-d12	21.444	240	1450341	20.000	ng	-0.01
86) Perylene-d12	23.821	264	1218885	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	841853	41.406	ng	0.00
7) Phenol-d6	7.063	99	625163	24.582	ng	0.00
23) Nitrobenzene-d5	9.069	82	1896787	75.425	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1208403	135.427	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	4352273	69.079	ng	0.00
79) Terphenyl-d14	19.898	244	3526328	47.198	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.951	122	171	8.048	ng	# 1
35) Caprolactam	11.645	113	245	5.135	ng	# 1
48) 2-Nitroaniline	13.621	65	321	3.618	ng	# 5
51) 2,6-Dinitrotoluene	14.104	165	65	2.300	ng	# 20
53) 3-Nitroaniline	14.457	138	64	2.673	ng	# 71
56) 4-Nitrophenol	14.745	139	181	4.065	ng	# 80
57) 2,4-Dinitrotoluene	14.916	165	134	3.344	ng	# 47
62) 4-Nitroaniline	15.692	138	250	2.815	ng	# 81
74) Di-n-butylphthalate	18.251	149	6742	2.329	ng	# 92
80) Butylbenzylphthalate	20.592	149	798	4.183	ng	# 65
84) Bis(2-ethylhexyl)phtha...	21.374	149	6791	3.365	ng	# 94

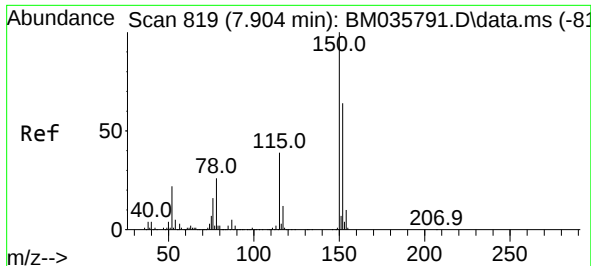
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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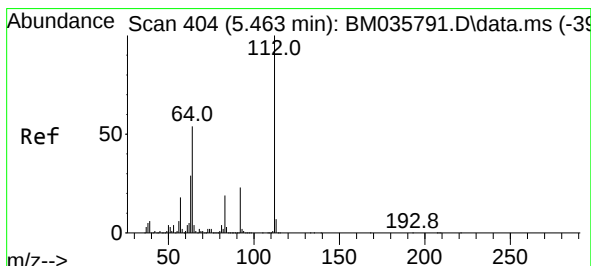
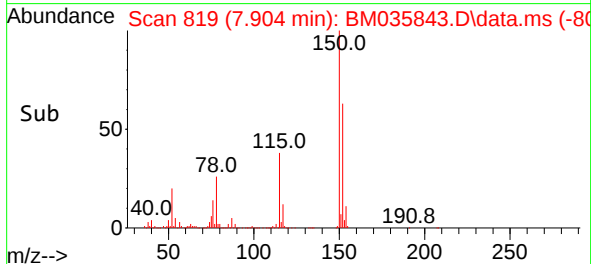
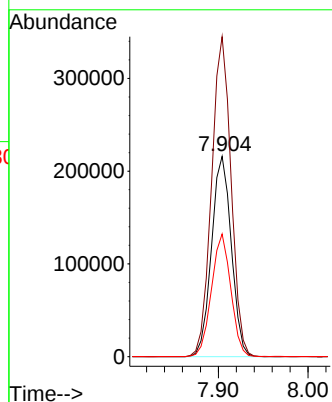
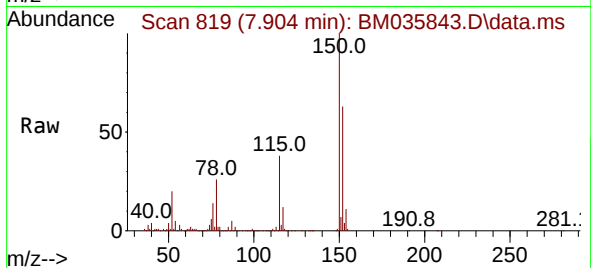




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035843.D
 Acq: 15 Jul 2022 23:04

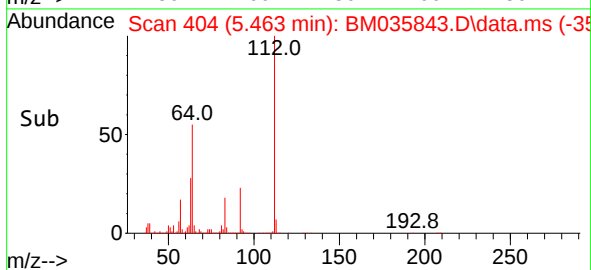
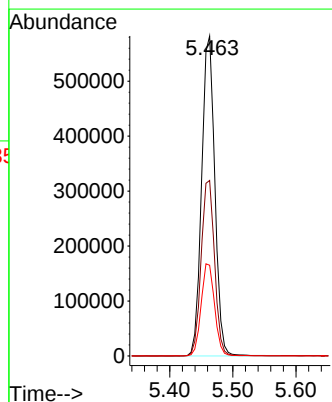
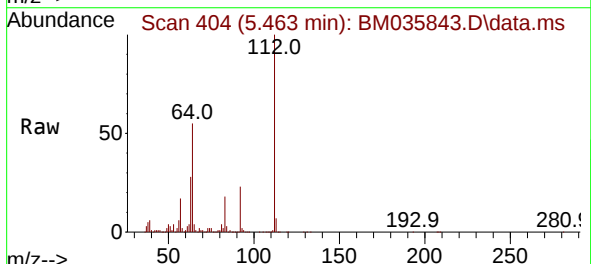
Instrument :
 BNA_M
 ClientSampleId :
 SW-7

Tgt Ion:152 Resp: 330245
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.9 187.3
 115 61.3 47.9 71.9



#5
 2-Fluorophenol
 Concen: 41.406 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035843.D
 Acq: 15 Jul 2022 23:04

Tgt Ion:112 Resp: 841853
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.8 71.6
 63 28.3 26.6 40.0

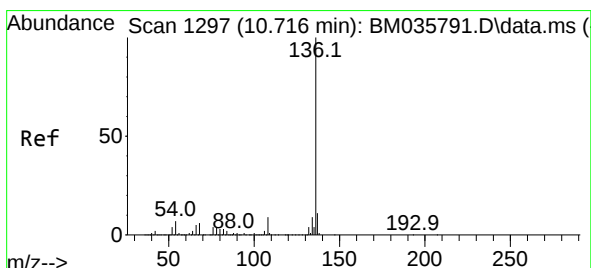
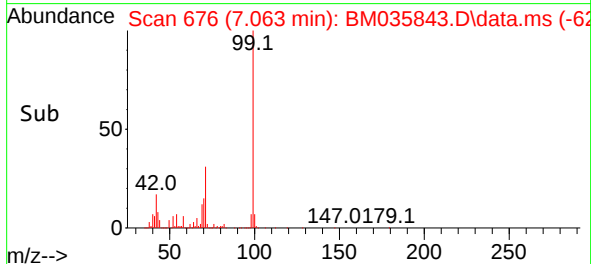
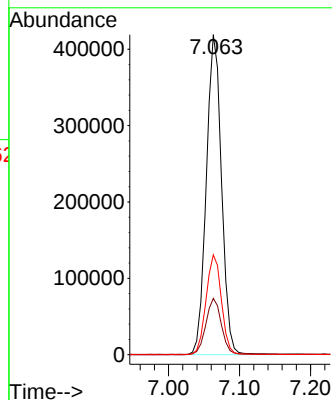
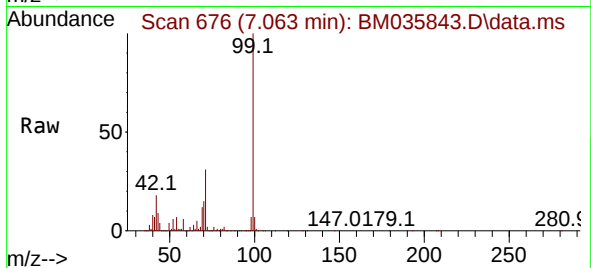




#7
Phenol-d6
Concen: 24.582 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

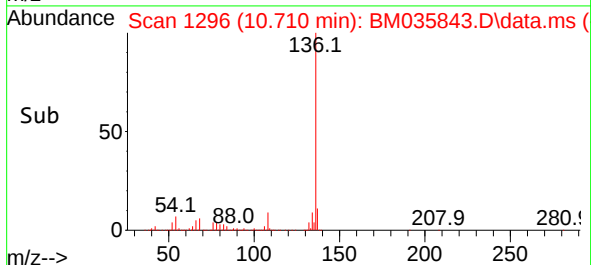
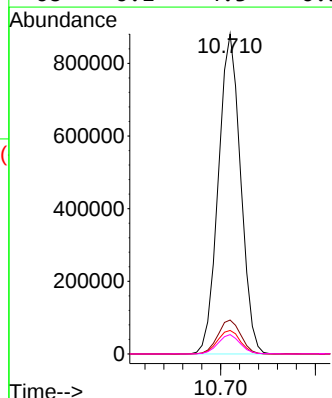
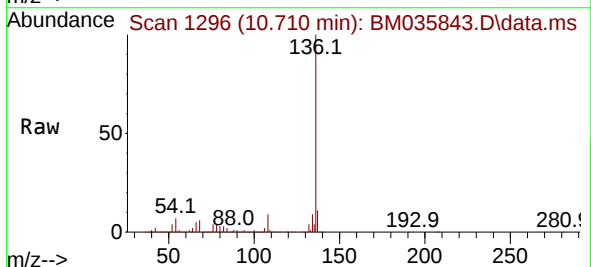
Instrument :
BNA_M
ClientSampleId :
SW-7

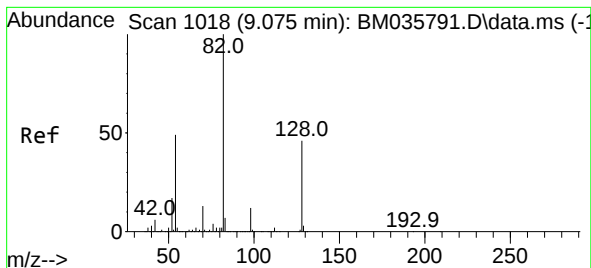
Tgt Ion: 99 Resp: 625163
Ion Ratio Lower Upper
99 100
42 17.6 18.8 28.2#
71 31.2 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

Tgt Ion: 136 Resp: 1437639
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.4 7.0 10.4
68 6.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 75.425 ng

RT: 9.069 min Scan# 110

Delta R.T. -0.006 min

Lab File: BM035843.D

Acq: 15 Jul 2022 23:04

Instrument :

BNA_M

ClientSampleId :

SW-7

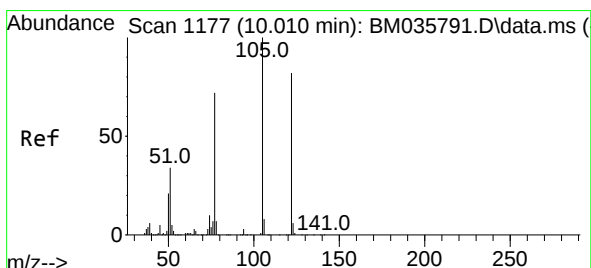
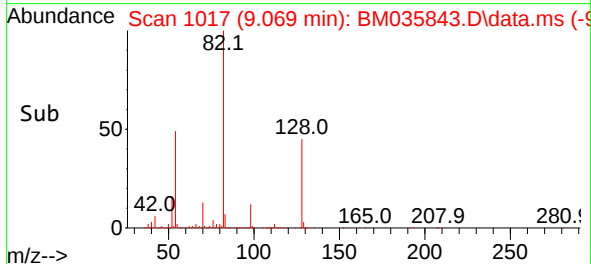
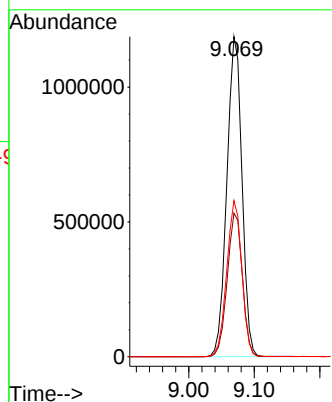
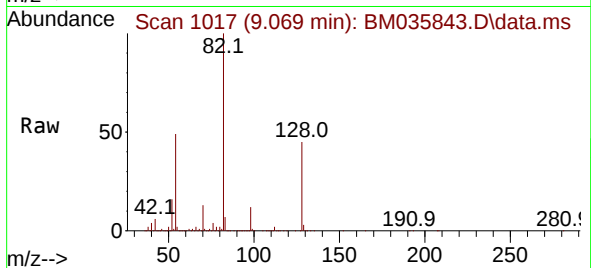
Tgt Ion: 82 Resp: 1896787

Ion Ratio Lower Upper

82 100

128 44.8 33.7 50.5

54 48.7 43.2 64.8



#32

Benzoic acid

Concen: 8.048 ng

RT: 9.951 min Scan# 1167

Delta R.T. -0.059 min

Lab File: BM035843.D

Acq: 15 Jul 2022 23:04

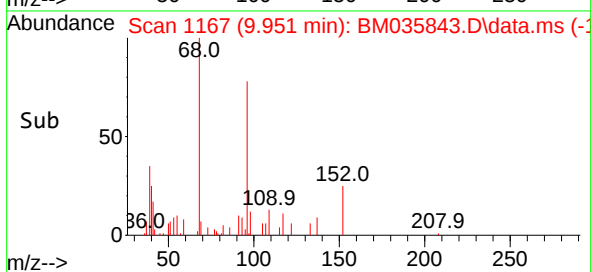
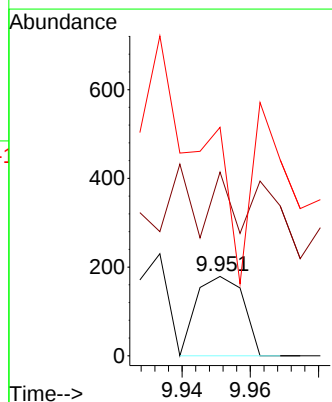
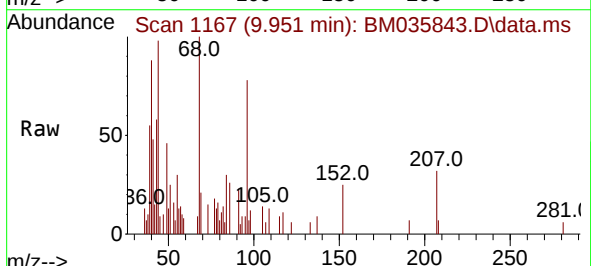
Tgt Ion:122 Resp: 171

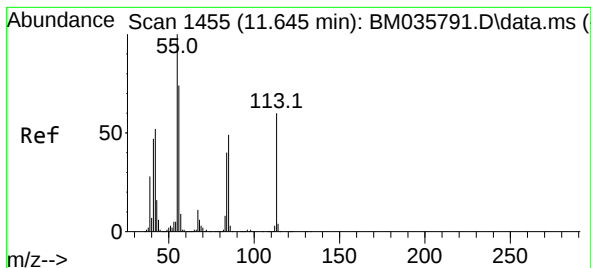
Ion Ratio Lower Upper

122 100

105 231.3 105.7 145.7#

77 287.7 80.0 120.0#





#35

Caprolactam

Concen: 5.135 ng

RT: 11.645 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BM035843.D

Acq: 15 Jul 2022 23:04

Instrument :

BNA_M

ClientSampleId :

SW-7

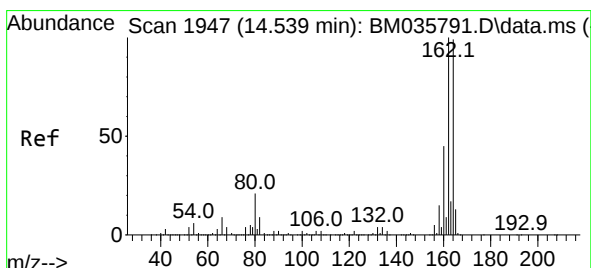
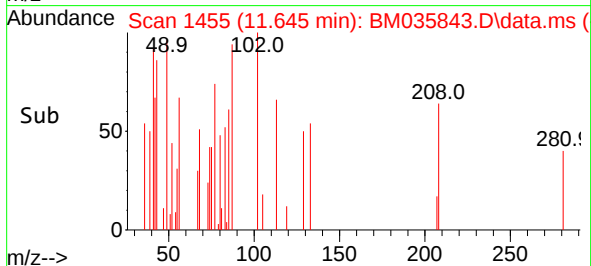
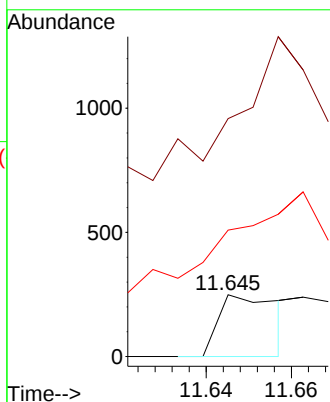
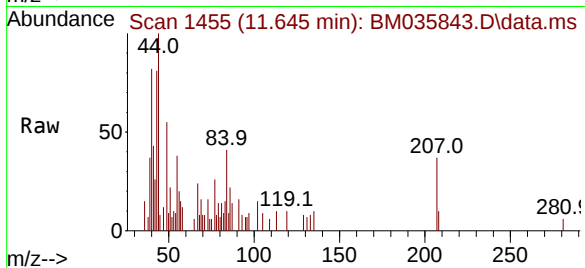
Tgt Ion:113 Resp: 245

Ion Ratio Lower Upper

113 100

55 384.7 150.1 190.1#

56 204.4 111.7 151.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BM035843.D

Acq: 15 Jul 2022 23:04

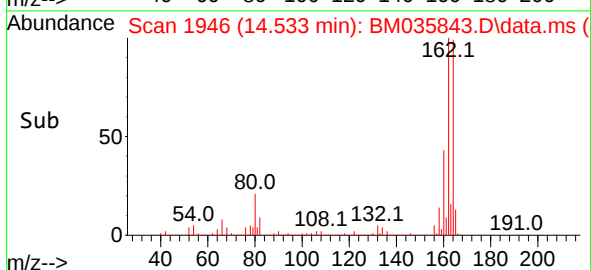
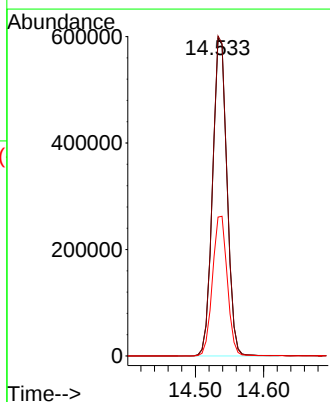
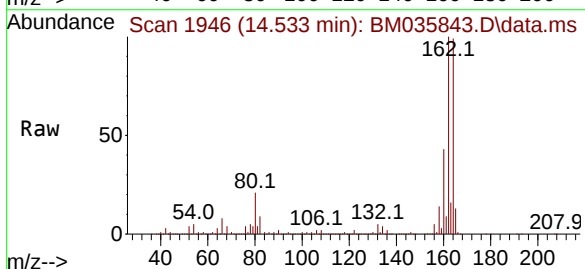
Tgt Ion:164 Resp: 878663

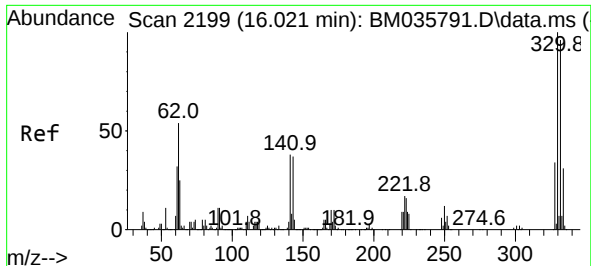
Ion Ratio Lower Upper

164 100

162 100.7 83.0 124.6

160 43.7 37.0 55.4

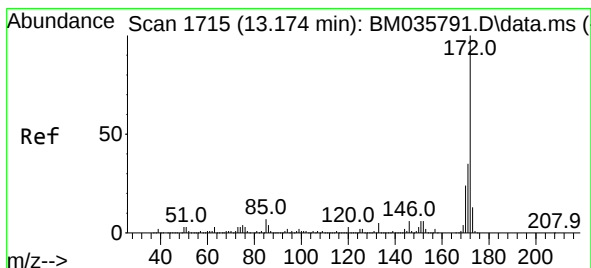
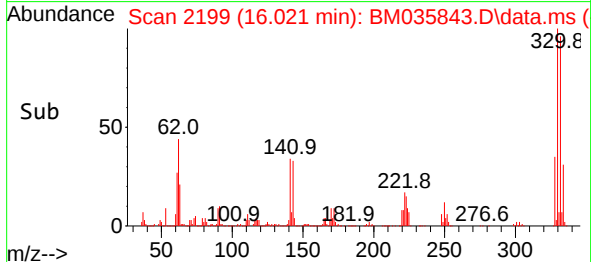
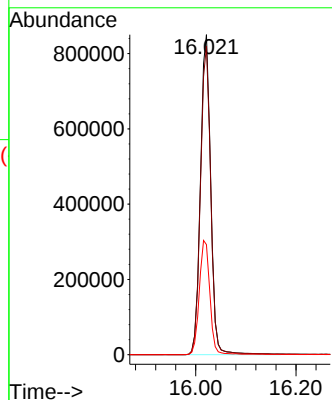
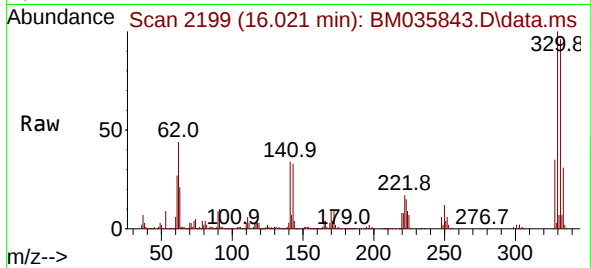




#42
2,4,6-Tribromophenol
Concen: 135.427 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

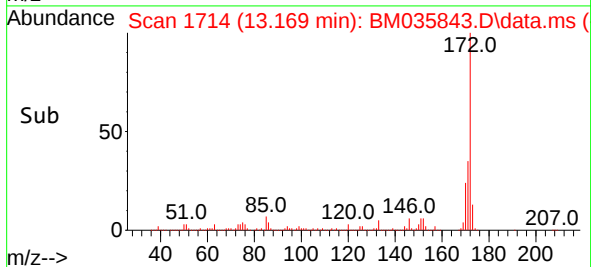
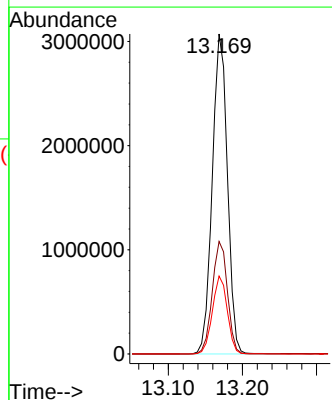
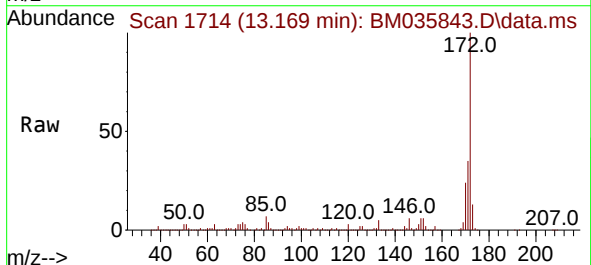
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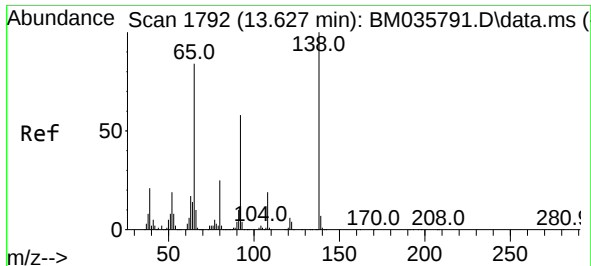
Tgt Ion:330 Resp: 1208403
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 37.1 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 69.079 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

Tgt Ion:172 Resp: 4352273
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.3 18.7 28.1

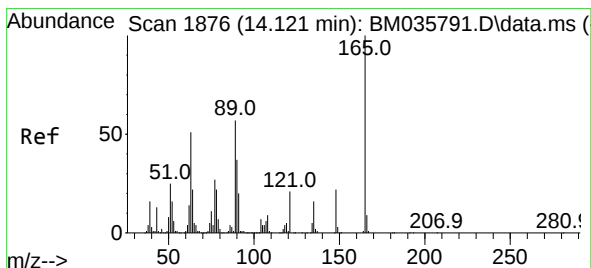
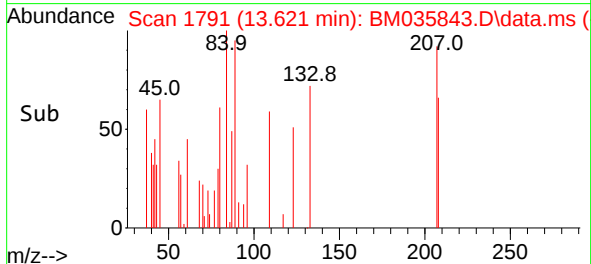
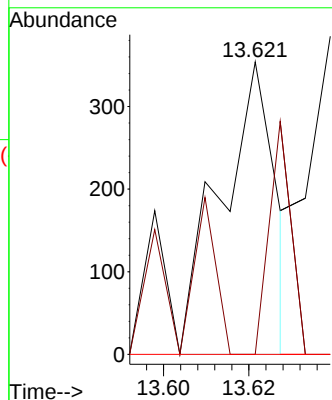
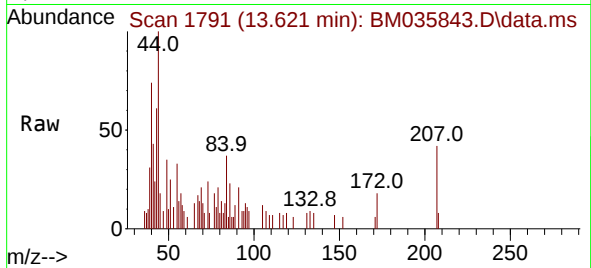




#48
2-Nitroaniline
Concen: 3.618 ng
RT: 13.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

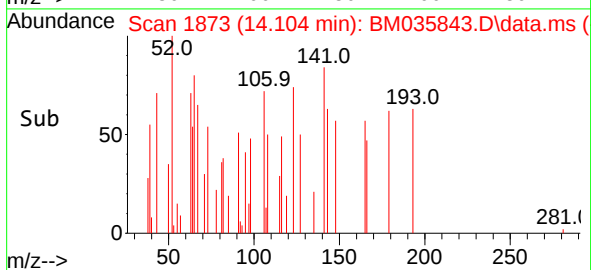
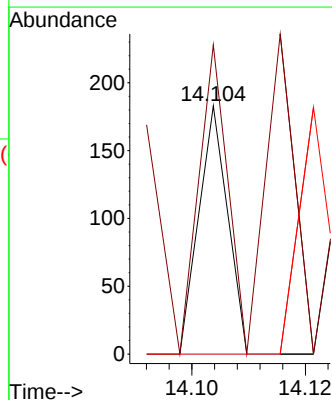
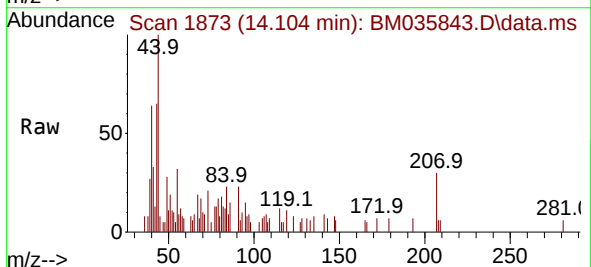
Instrument :
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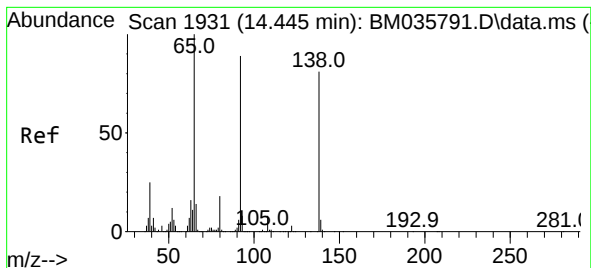
Tgt Ion: 65 Resp: 321
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.300 ng
RT: 14.104 min Scan# 1873
Delta R.T. -0.017 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

Tgt Ion: 165 Resp: 65
Ion Ratio Lower Upper
165 100
63 124.6 50.2 75.2#
89 0.0 48.4 72.6#

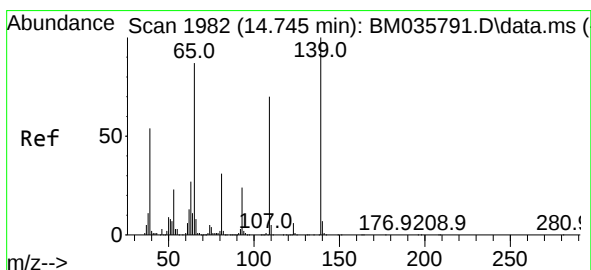
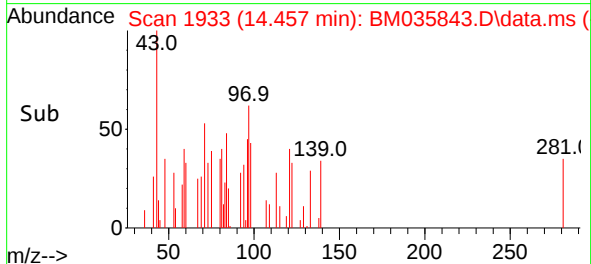
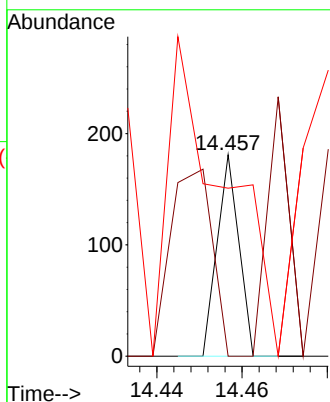
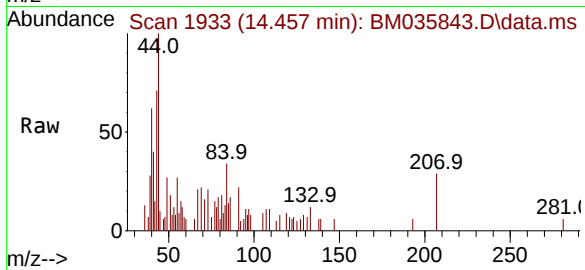




#53
3-Nitroaniline
Concen: 2.673 ng
RT: 14.457 min Scan# 1931
Delta R.T. 0.012 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

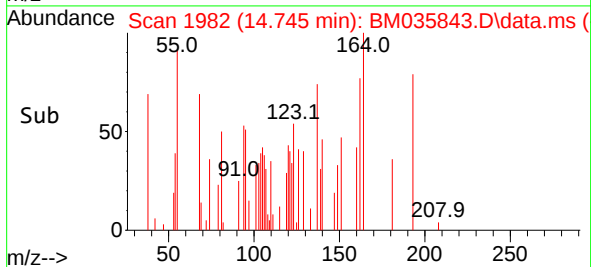
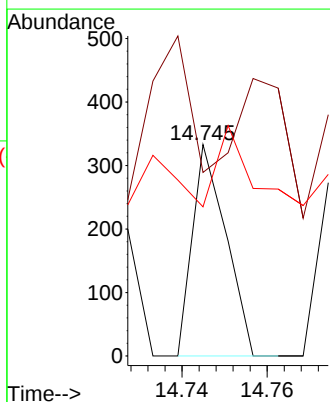
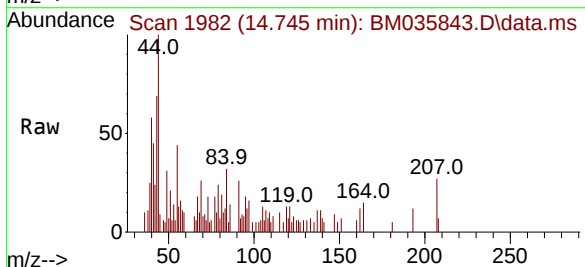
Instrument :
BNA_M
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SW-7

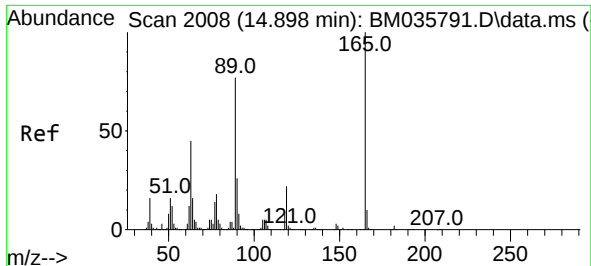
Tgt Ion:138 Resp: 64
Ion Ratio Lower Upper
138 100
108 0.0 8.7 13.1#
92 83.4 91.5 137.3#



#56
4-Nitrophenol
Concen: 4.065 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

Tgt Ion:139 Resp: 181
Ion Ratio Lower Upper
139 100
109 86.8 62.5 102.5
65 70.6 83.5 123.5#

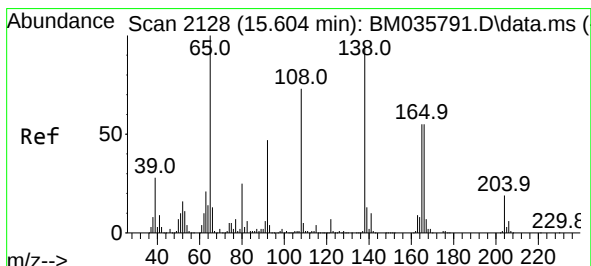
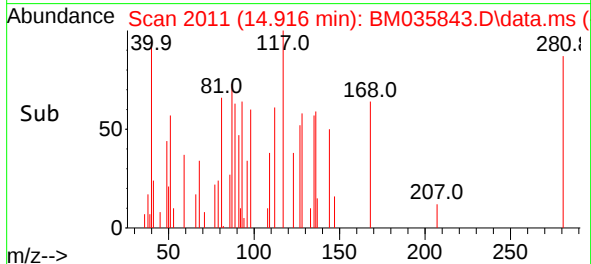
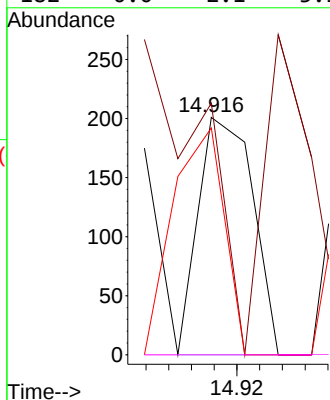
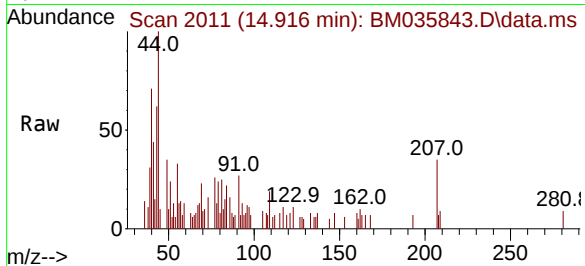




#57
2,4-Dinitrotoluene
Concen: 3.344 ng
RT: 14.916 min Scan# 2011
Delta R.T. 0.018 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

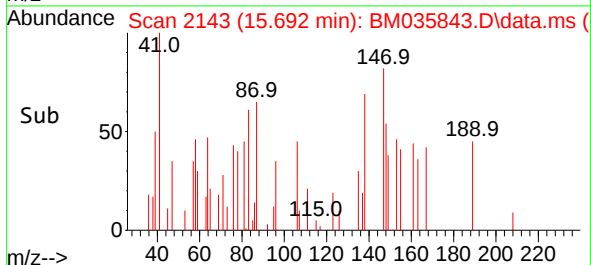
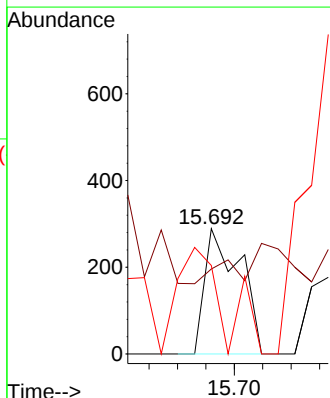
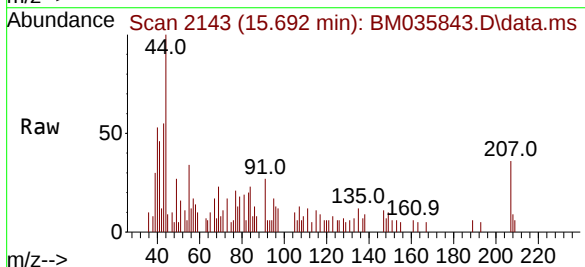
Instrument :
BNA_M
ClientSampleId :
SW-7

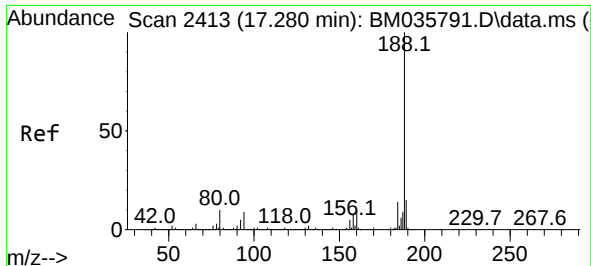
Tgt Ion:165 Resp: 134
Ion Ratio Lower Upper
165 100
63 106.0 35.6 53.4#
89 95.5 57.3 85.9#
182 0.0 2.1 3.1#



#62
4-Nitroaniline
Concen: 2.815 ng
RT: 15.692 min Scan# 2143
Delta R.T. 0.088 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

Tgt Ion:138 Resp: 250
Ion Ratio Lower Upper
138 100
92 67.8 30.8 70.8
108 70.6 65.7 105.7

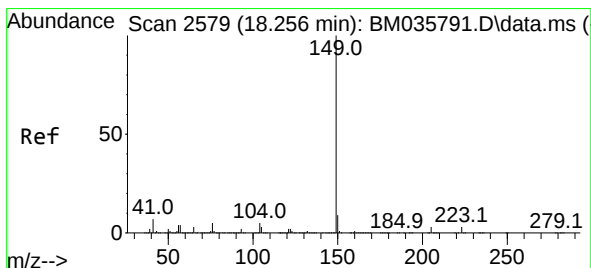
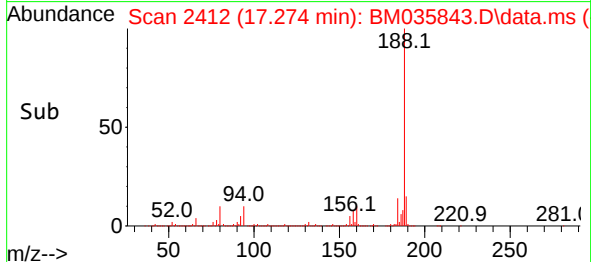
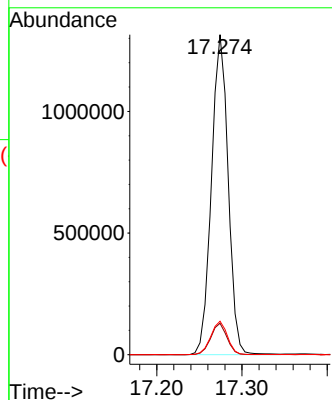
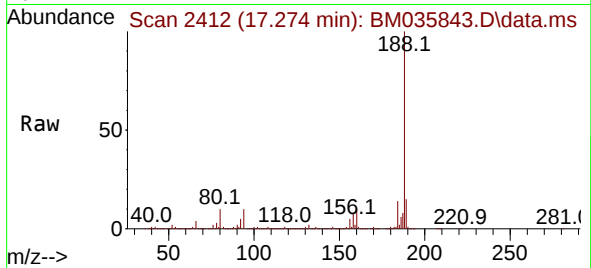




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

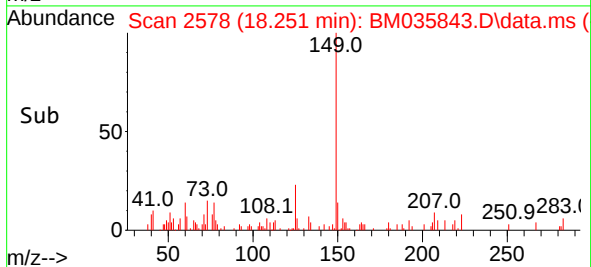
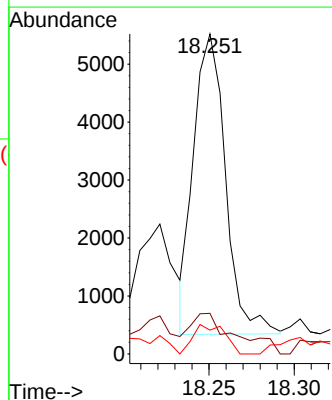
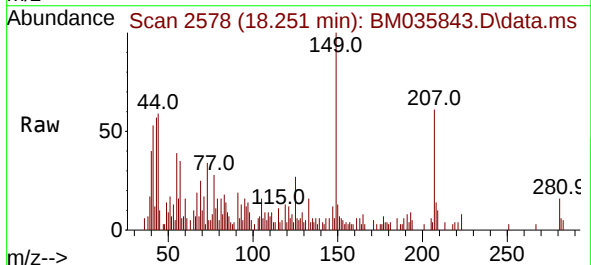
Instrument :
BNA_M
ClientSampleId :
SW-7

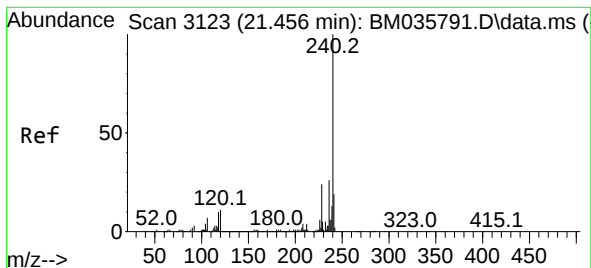
Tgt Ion:188 Resp: 1790820
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.5 7.6 11.4



#74
Di-n-butylphthalate
Concen: 2.329 ng
RT: 18.251 min Scan# 2578
Delta R.T. -0.005 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

Tgt Ion:149 Resp: 6742
Ion Ratio Lower Upper
149 100
150 12.7 7.3 10.9#
104 7.4 4.3 6.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM035843.D

Acq: 15 Jul 2022 23:04

Instrument :

BNA_M

ClientSampleId :

SW-7

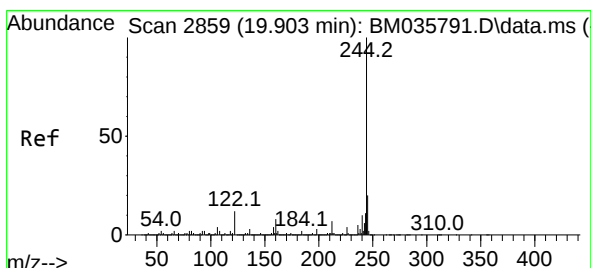
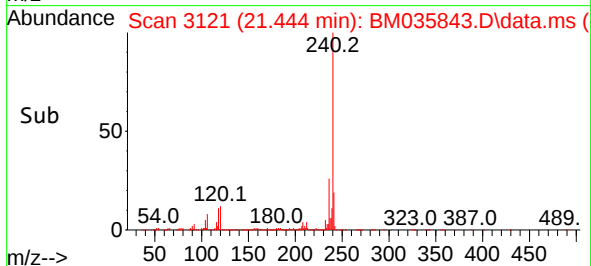
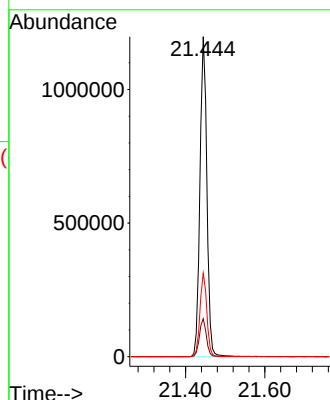
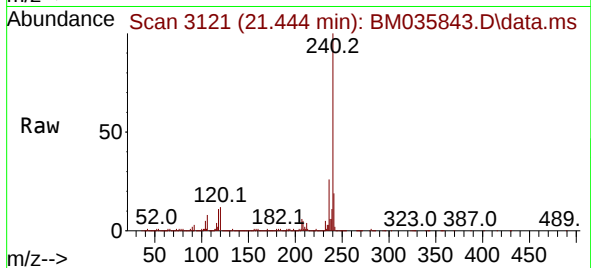
Tgt Ion:240 Resp: 1450341

Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.0

236 26.1 20.6 30.8



#79

Terphenyl-d14

Concen: 47.198 ng

RT: 19.898 min Scan# 2858

Delta R.T. -0.005 min

Lab File: BM035843.D

Acq: 15 Jul 2022 23:04

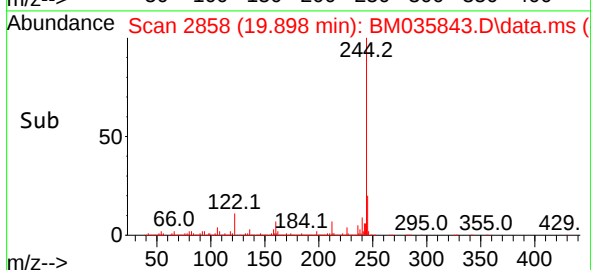
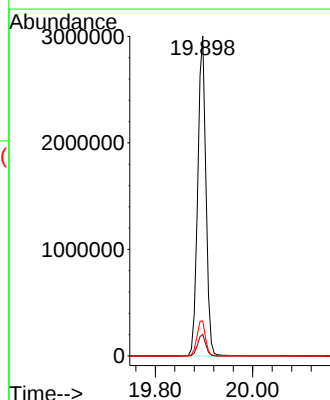
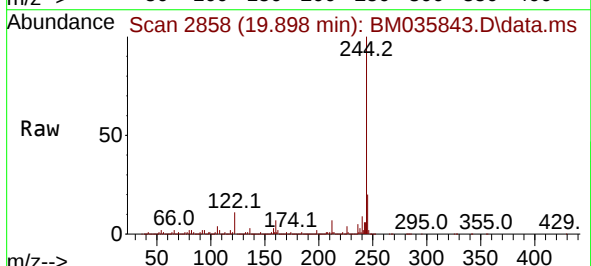
Tgt Ion:244 Resp: 3526328

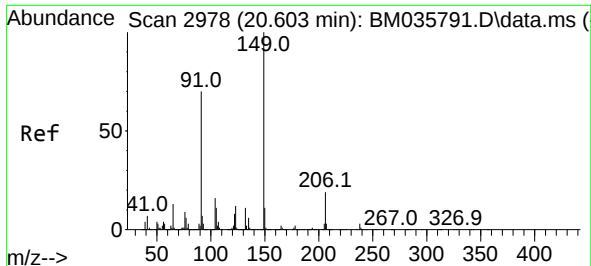
Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.4

122 10.9 8.3 12.5

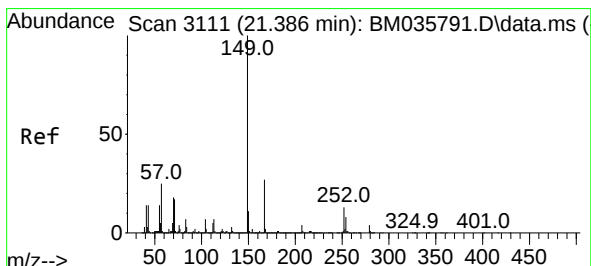
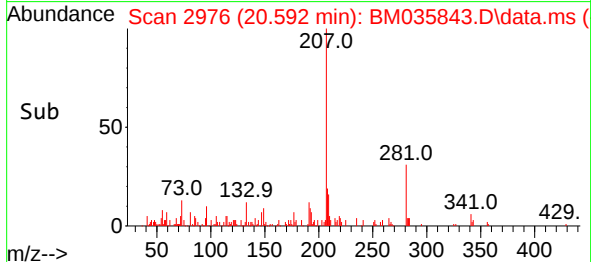
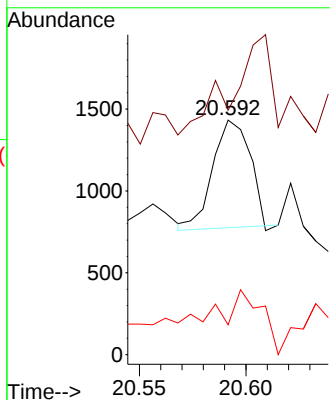
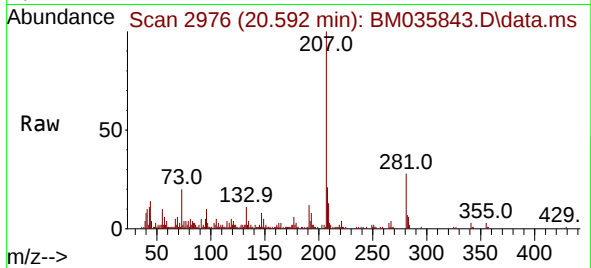




#80
Butylbenzylphthalate
Concen: 4.183 ng
RT: 20.592 min Scan# 2978
Delta R.T. -0.011 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

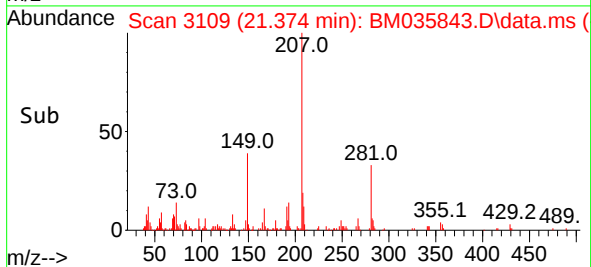
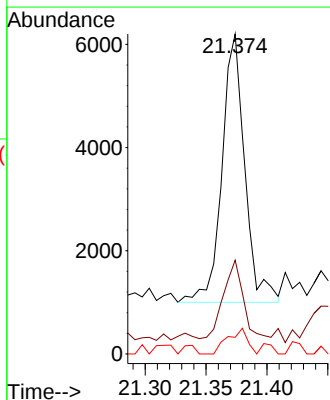
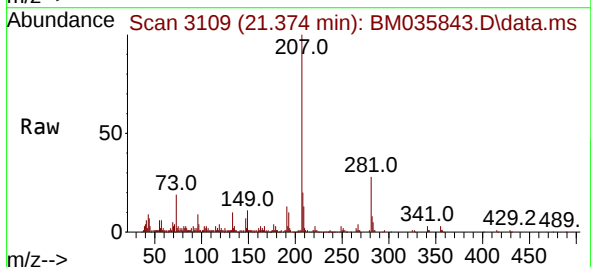
Instrument :
BNA_M
ClientSampleId :
SW-7

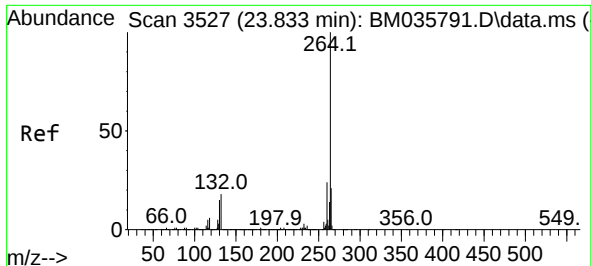
Tgt Ion:149 Resp: 798
Ion Ratio Lower Upper
149 100
91 104.3 56.6 85.0#
206 12.8 15.4 23.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.365 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

Tgt Ion:149 Resp: 6791
Ion Ratio Lower Upper
149 100
167 29.3 21.1 31.7
279 5.2 2.8 4.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM035843.D
Acq: 15 Jul 2022 23:04

Instrument :
BNA_M
ClientSampleId :
SW-7

Tgt Ion:264 Resp: 1218885

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.6	17.5	26.3

