

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035835.D
 Acq On : 15 Jul 2022 18:13
 Operator : CG/JU
 Sample : N3726-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OWS-12-12.5

Quant Time: Jul 15 23:47:39 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)

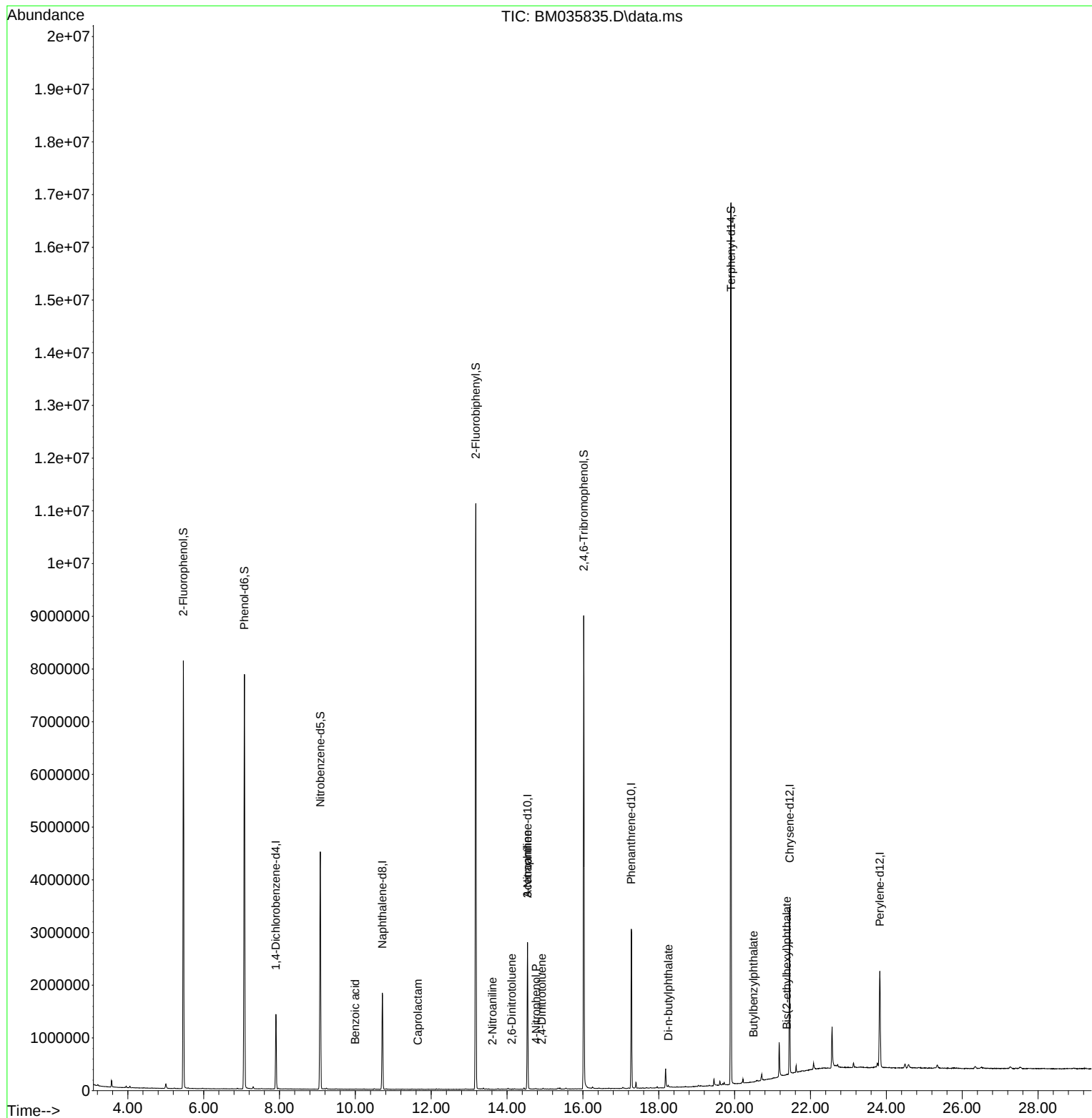
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	365104	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1517694	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	896558	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1791385	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1502231	20.000	ng	0.00
86) Perylene-d12	23.827	264	1325537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	3464745	154.140	ng	0.00
7) Phenol-d6	7.075	99	4416492	157.079	ng	0.00
23) Nitrobenzene-d5	9.075	82	2536015	95.525	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1632496	179.304	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	5421349	84.330	ng	0.00
79) Terphenyl-d14	19.903	244	7995371	103.317	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.998	122	56	8.039	ng	# 1
35) Caprolactam	11.645	113	849	5.223	ng	# 79
48) 2-Nitroaniline	13.616	65	240	3.612	ng	# 33
51) 2,6-Dinitrotoluene	14.121	165	90	2.302	ng	# 61
53) 3-Nitroaniline	14.539	138	61	2.673	ng	# 1
56) 4-Nitrophenol	14.763	139	143	4.062	ng	# 8
57) 2,4-Dinitrotoluene	14.916	165	114	3.343	ng	# 13
74) Di-n-butylphthalate	18.251	149	18043	2.440	ng	# 97
80) Butylbenzylphthalate	20.498	149	327	4.169	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.374	149	5919	3.344	ng	# 96

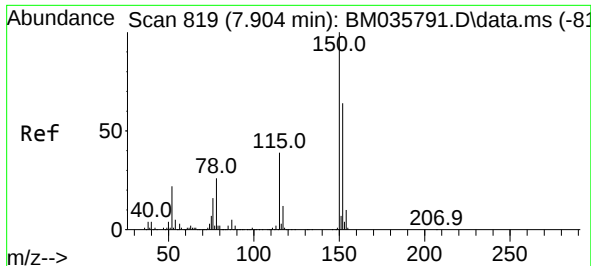
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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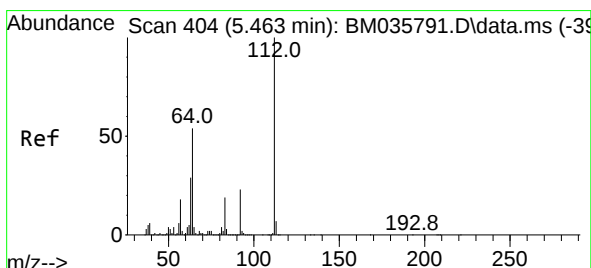
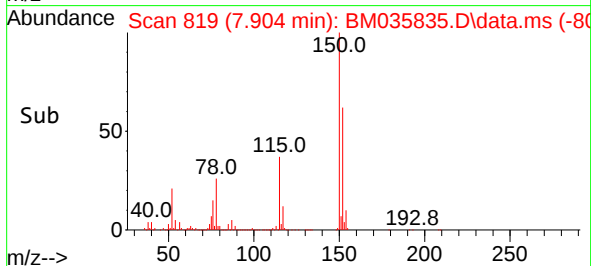
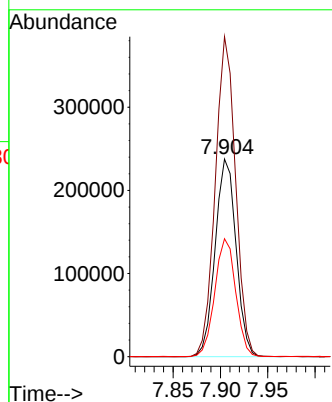
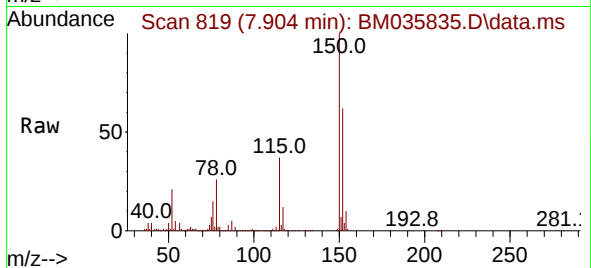




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

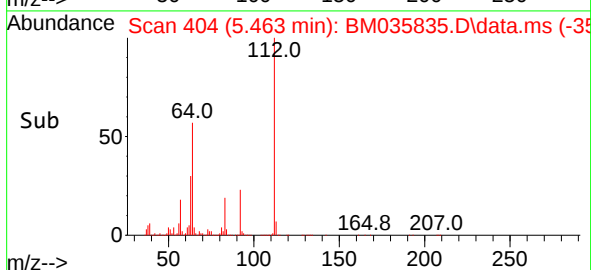
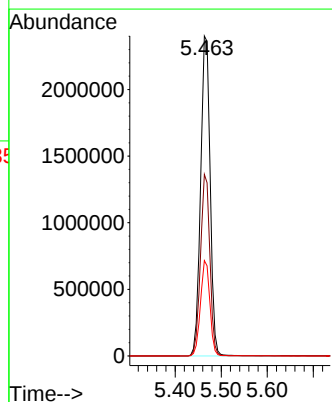
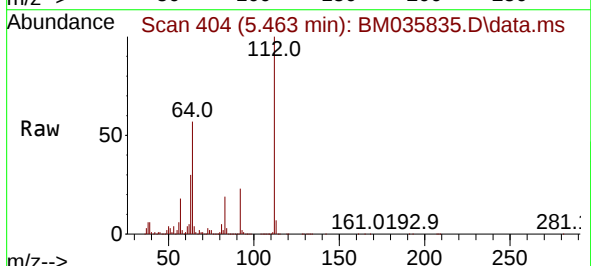
Instrument :
BNA_M
ClientSampleId :
OWS-12-12.5

Tgt Ion:152 Resp: 365104
Ion Ratio Lower Upper
152 100
150 161.9 124.9 187.3
115 59.7 47.9 71.9



#5
2-Fluorophenol
Concen: 154.140 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

Tgt Ion:112 Resp: 3464745
Ion Ratio Lower Upper
112 100
64 56.8 47.8 71.6
63 29.8 26.6 40.0

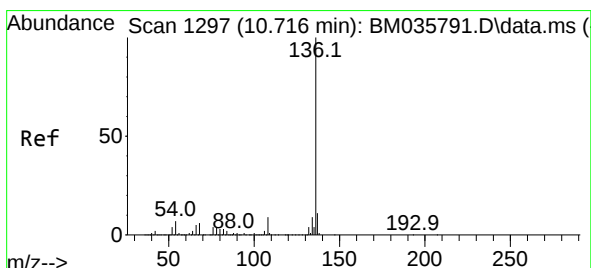
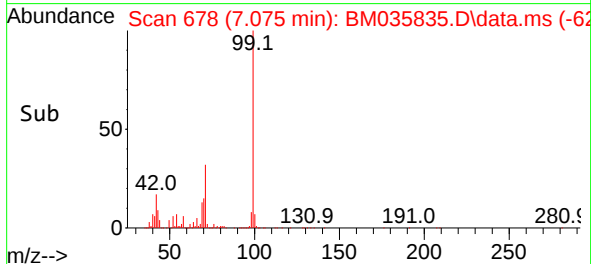
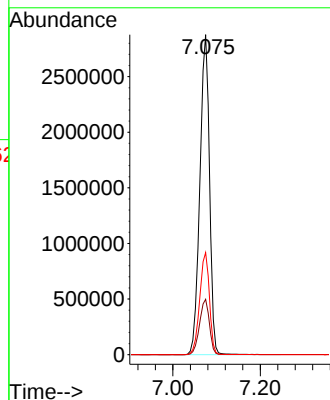
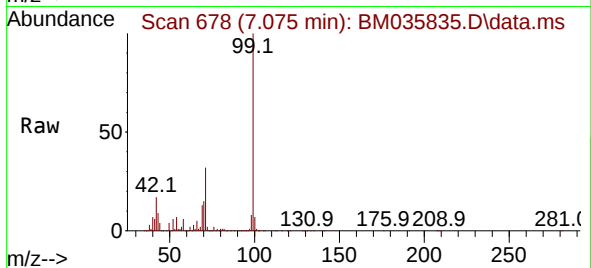




#7
Phenol-d6
Concen: 157.079 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

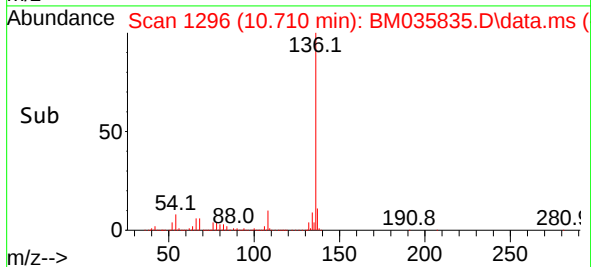
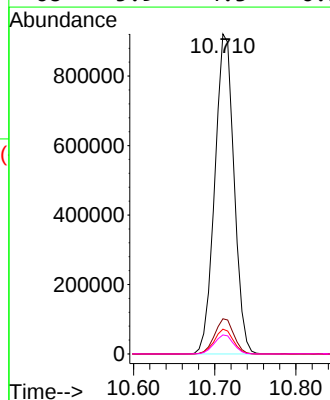
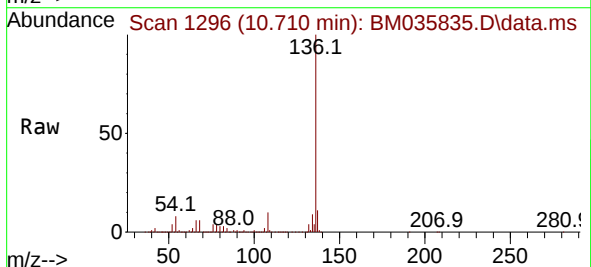
Instrument :
BNA_M
ClientSampleId :
OWS-12-12.5

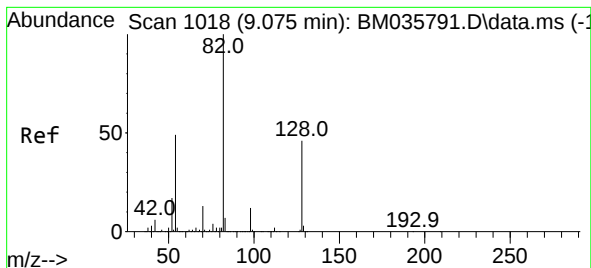
Tgt Ion: 99 Resp: 4416492
Ion Ratio Lower Upper
99 100
42 17.3 18.8 28.2#
71 31.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

Tgt Ion: 136 Resp: 1517694
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.8 7.0 10.4
68 5.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 95.525 ng

RT: 9.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BM035835.D

Acq: 15 Jul 2022 18:13

Instrument :

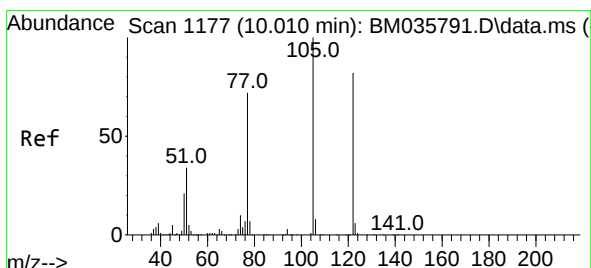
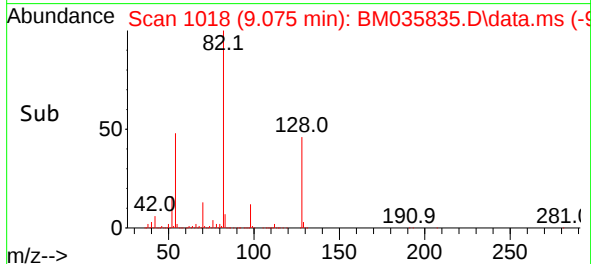
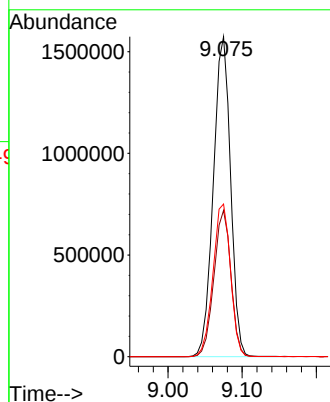
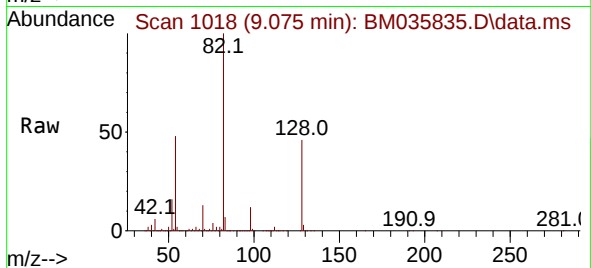
BNA_M

ClientSampleId :

OWS-12-12.5

Tgt Ion: 82 Resp: 2536015

Ion	Ratio	Lower	Upper
82	100		
128	45.7	33.7	50.5
54	47.7	43.2	64.8



#32

Benzoic acid

Concen: 8.039 ng

RT: 9.998 min Scan# 1175

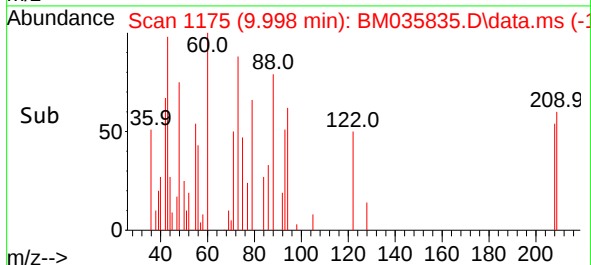
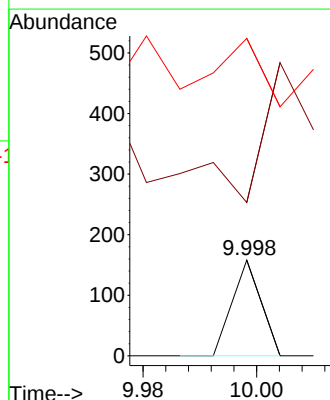
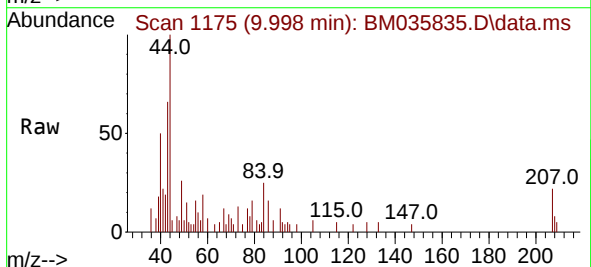
Delta R.T. -0.012 min

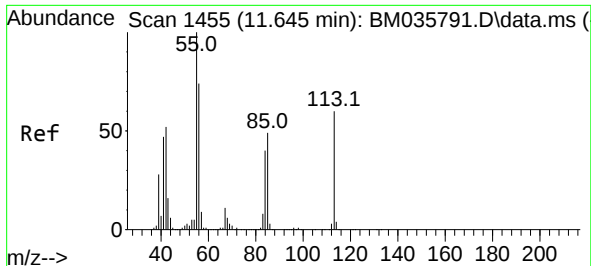
Lab File: BM035835.D

Acq: 15 Jul 2022 18:13

Tgt Ion: 122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	160.1	105.7	145.7#
77	331.6	80.0	120.0#

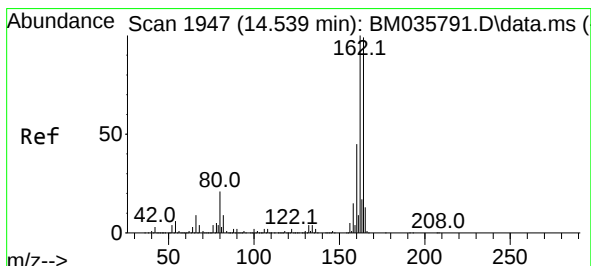
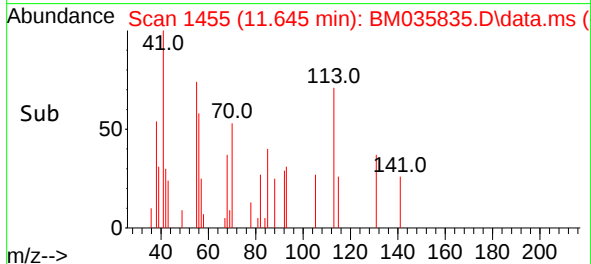
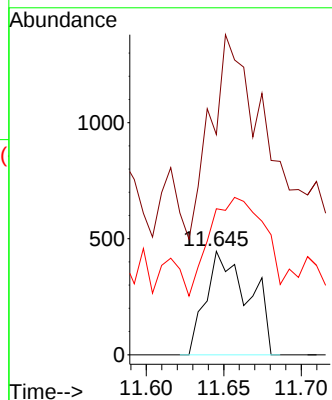
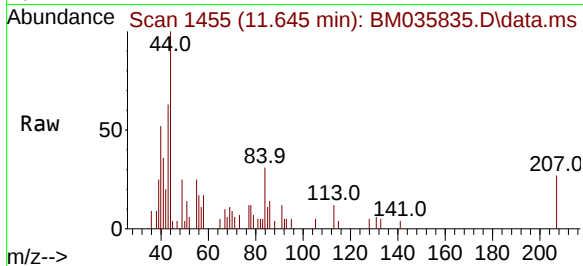




#35
Caprolactam
Concen: 5.223 ng
RT: 11.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

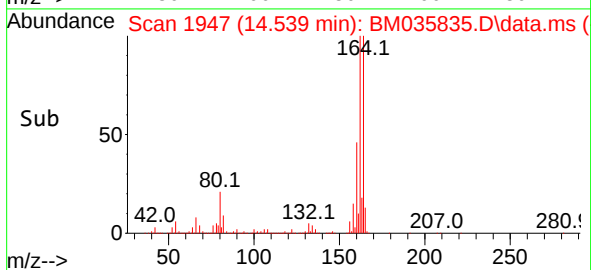
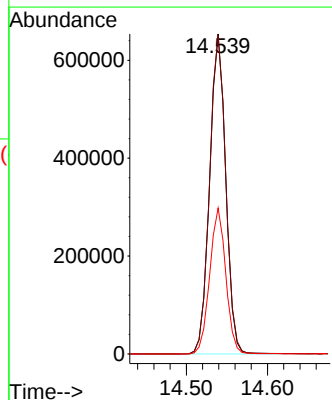
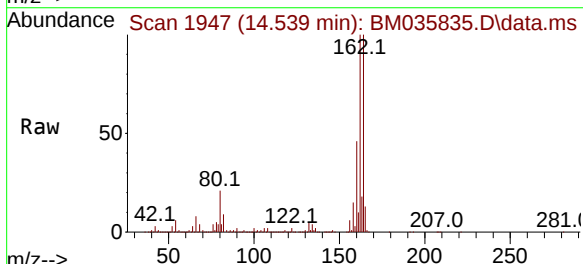
Instrument :
BNA_M
ClientSampleId :
OWS-12-12.5

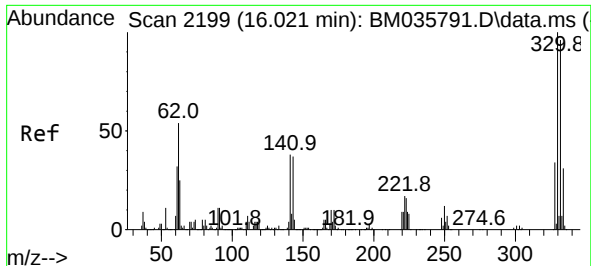
Tgt Ion:113 Resp: 849
Ion Ratio Lower Upper
113 100
55 212.8 150.1 190.1#
56 141.0 111.7 151.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

Tgt Ion:164 Resp: 896558
Ion Ratio Lower Upper
164 100
162 99.6 83.0 124.6
160 45.6 37.0 55.4

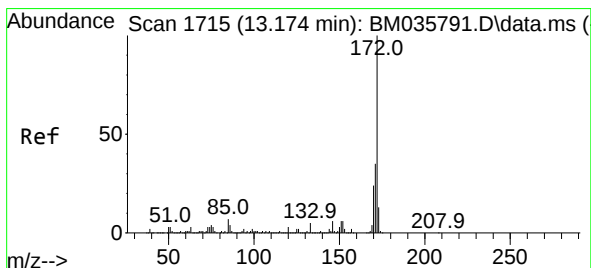
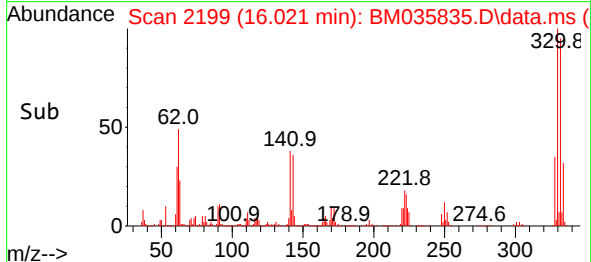
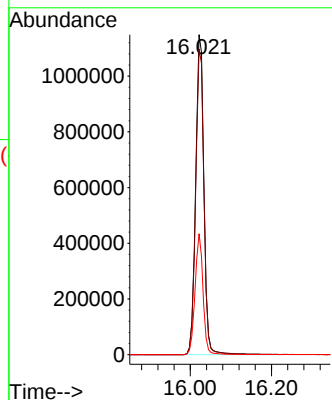
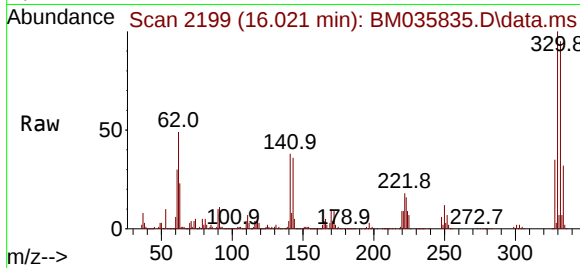




#42
2,4,6-Tribromophenol
Concen: 179.304 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

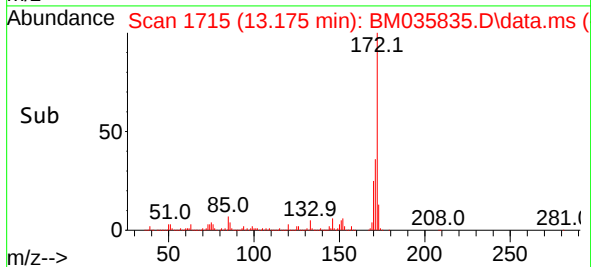
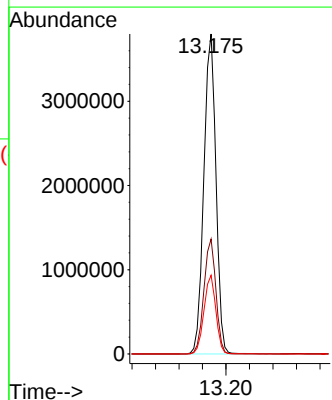
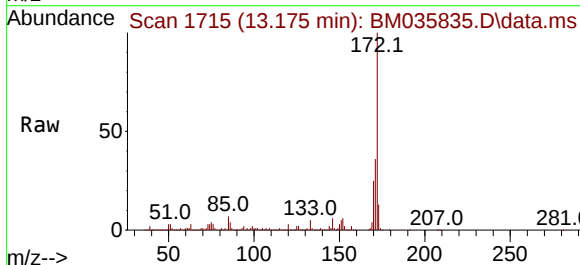
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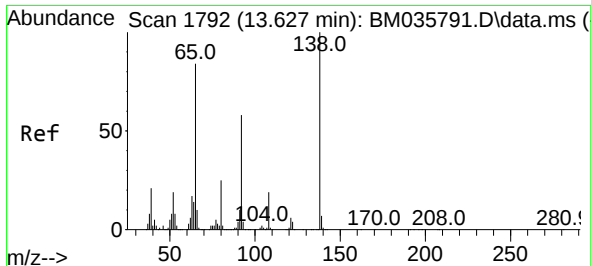
Tgt Ion:330 Resp: 1632496
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 36.5 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 84.330 ng
RT: 13.175 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

Tgt Ion:172 Resp: 5421349
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.6 18.7 28.1

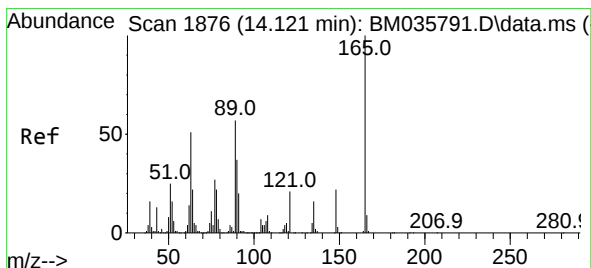
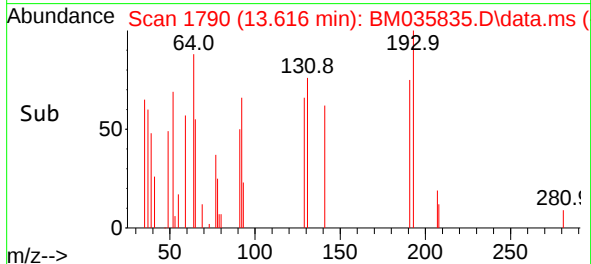
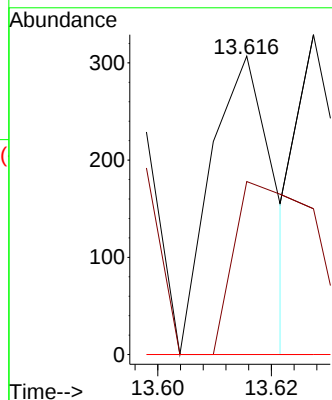
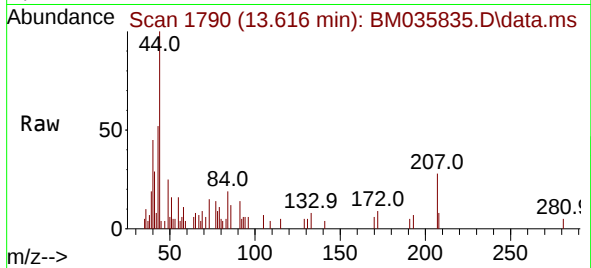




#48
2-Nitroaniline
Concen: 3.612 ng
RT: 13.616 min Scan# 1790
Delta R.T. -0.011 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

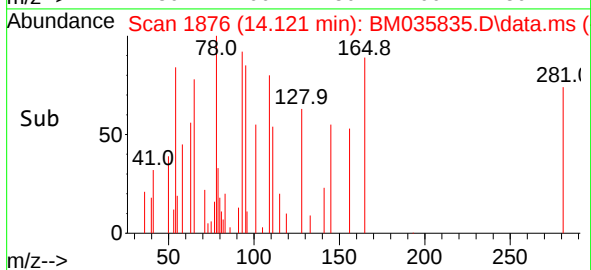
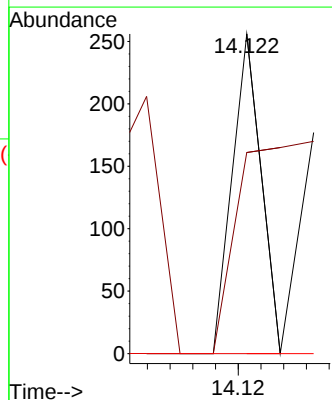
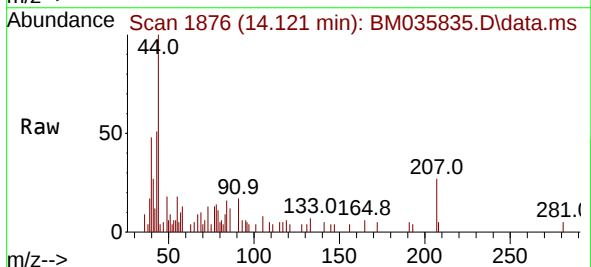
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ClientSampleId :
OWS-12-12.5

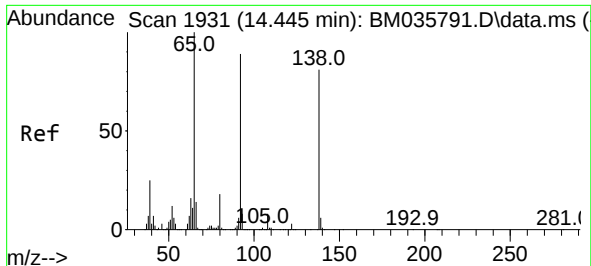
Tgt Ion: 65 Resp: 240
Ion Ratio Lower Upper
65 100
92 58.0 53.7 80.5
138 0.0 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.302 ng
RT: 14.121 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

Tgt Ion: 165 Resp: 90
Ion Ratio Lower Upper
165 100
63 62.9 50.2 75.2
89 0.0 48.4 72.6#

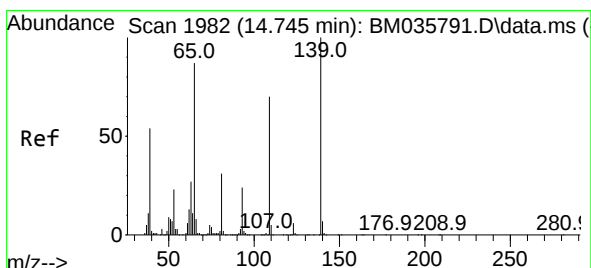
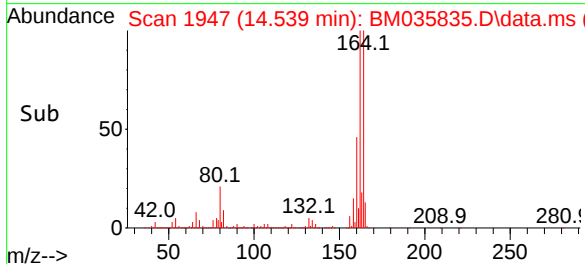
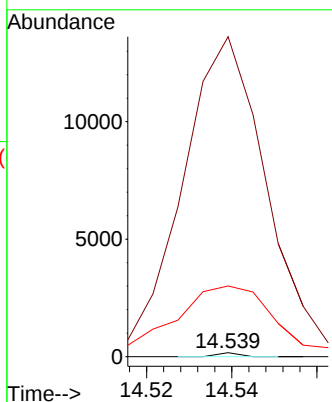
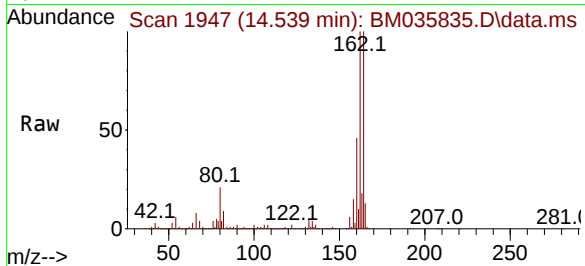




#53
3-Nitroaniline
Concen: 2.673 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.094 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

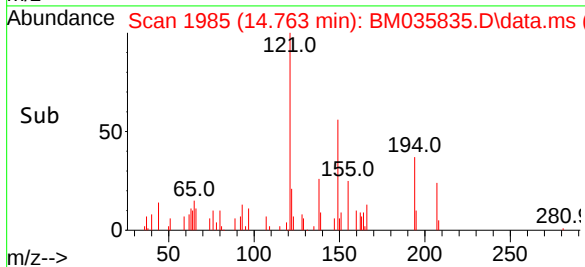
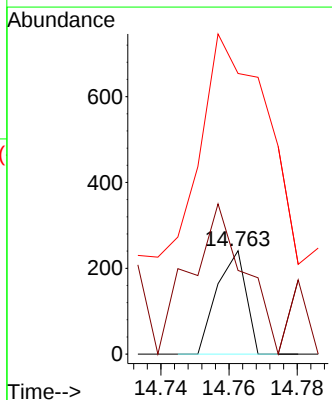
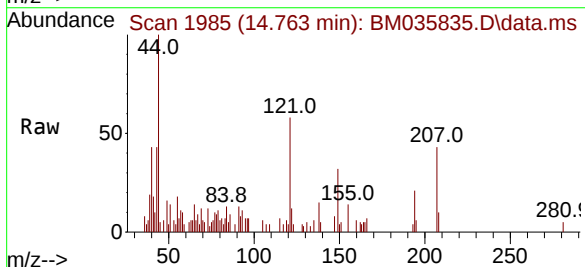
Instrument :
BNA_M
ClientSampleId :
OWS-12-12.5

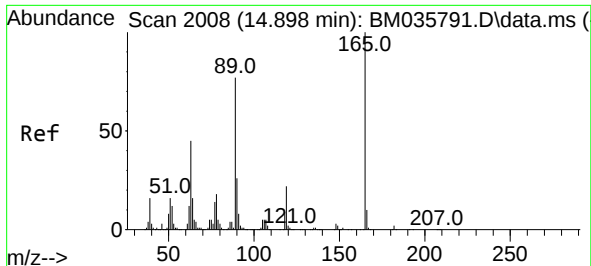
Tgt Ion:138 Resp: 61
Ion Ratio Lower Upper
138 100
108 7871.7 8.7 13.1#
92 1738.7 91.5 137.3#



#56
4-Nitrophenol
Concen: 4.062 ng
RT: 14.763 min Scan# 1985
Delta R.T. 0.018 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

Tgt Ion:139 Resp: 143
Ion Ratio Lower Upper
139 100
109 80.9 62.5 102.5
65 271.4 83.5 123.5#





#57

2,4-Dinitrotoluene

Concen: 3.343 ng

RT: 14.916 min Scan# 20

Delta R.T. 0.018 min

Lab File: BM035835.D

Acq: 15 Jul 2022 18:13

Instrument :

BNA_M

ClientSampleId :

OWS-12-12.5

Tgt Ion:165 Resp: 114

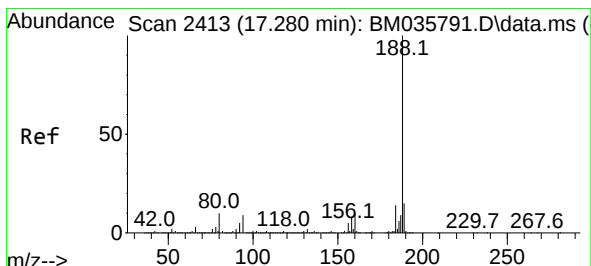
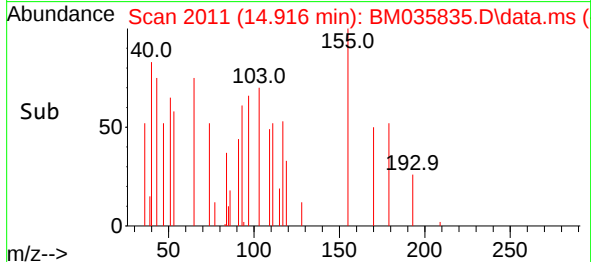
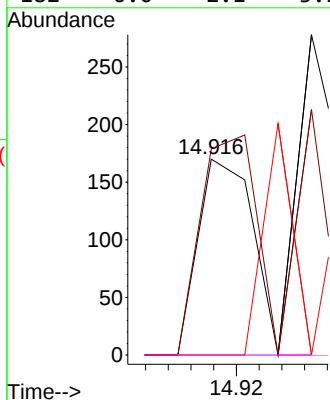
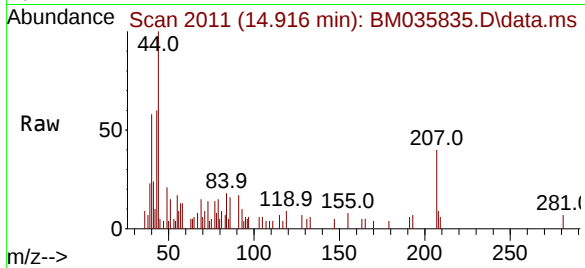
Ion Ratio Lower Upper

165 100

63 105.3 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# 2412

Delta R.T. -0.006 min

Lab File: BM035835.D

Acq: 15 Jul 2022 18:13

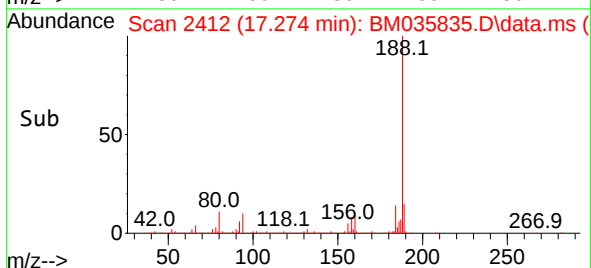
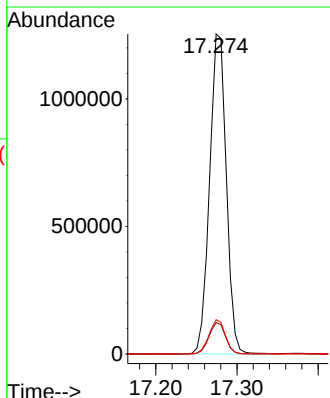
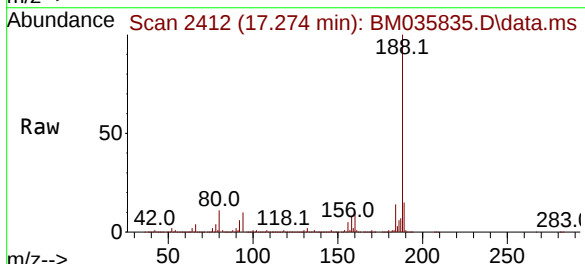
Tgt Ion:188 Resp: 1791385

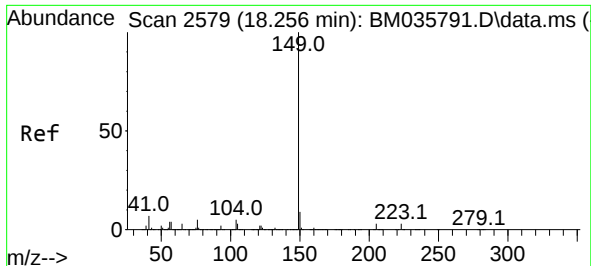
Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.7 7.6 11.4

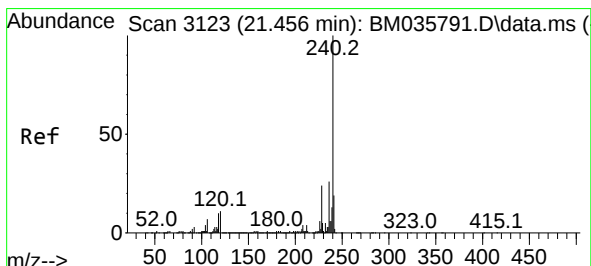
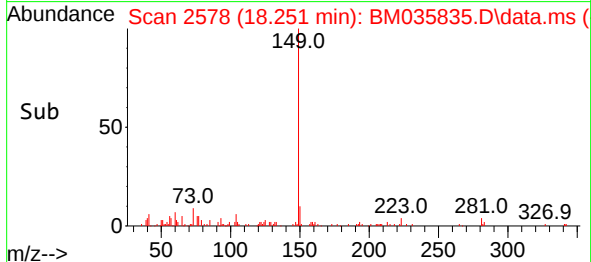
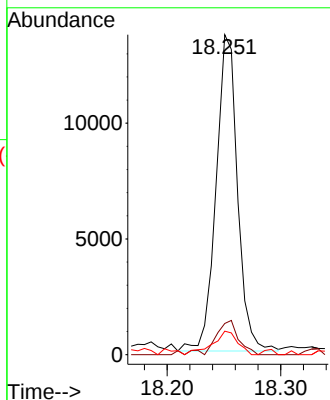
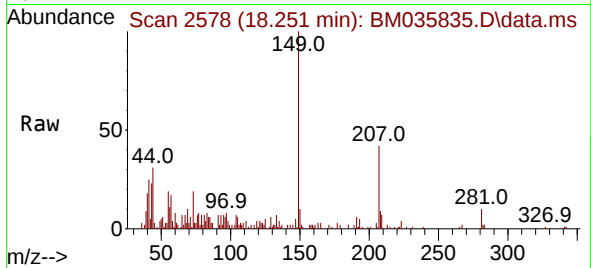




#74
Di-n-butylphthalate
Concen: 2.440 ng
RT: 18.251 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

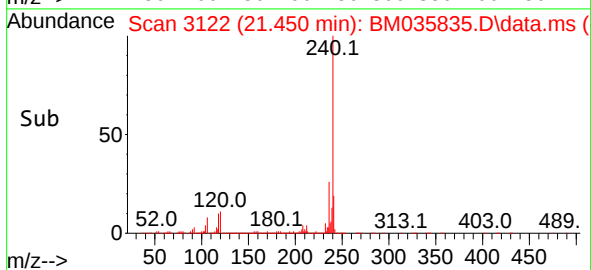
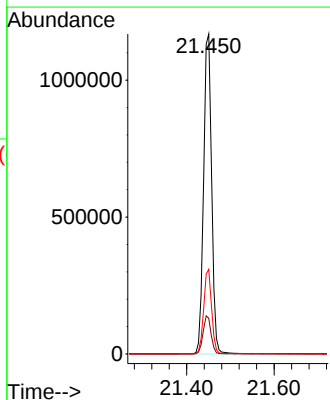
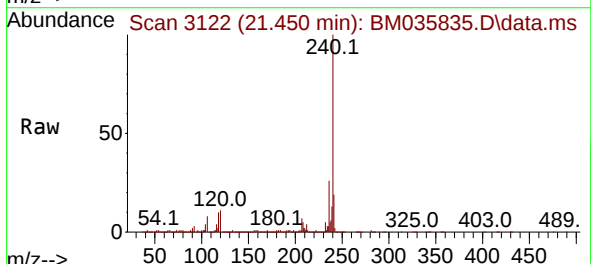
Instrument :
BNA_M
ClientSampleId :
OWS-12-12.5

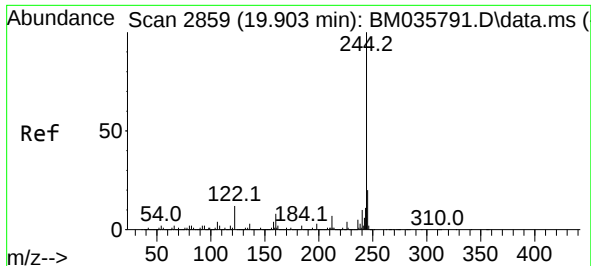
Tgt Ion:149 Resp: 18043
Ion Ratio Lower Upper
149 100
150 9.7 7.3 10.9
104 7.3 4.3 6.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

Tgt Ion:240 Resp: 1502231
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 26.4 20.6 30.8

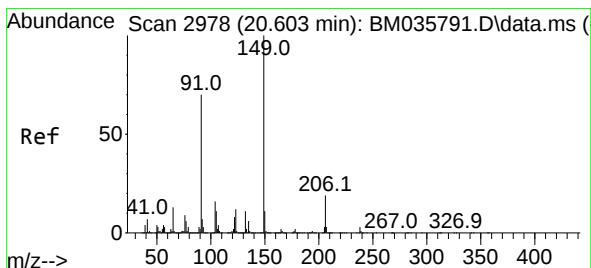
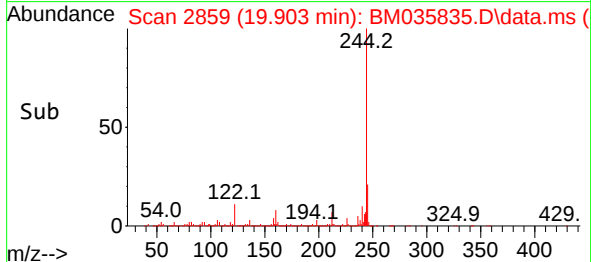
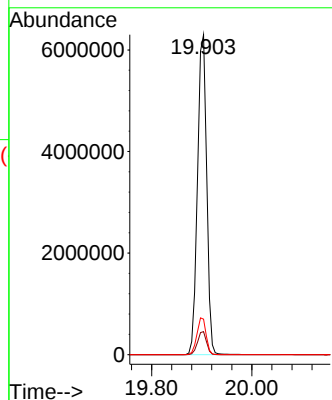
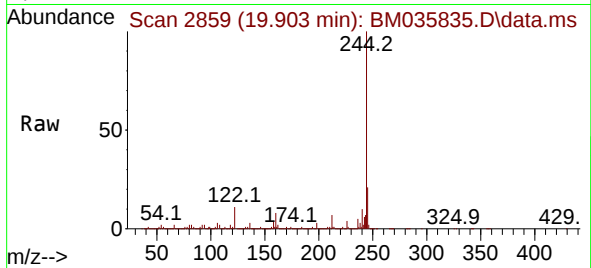




#79
 Terphenyl-d14
 Concen: 103.317 ng
 RT: 19.903 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035835.D
 Acq: 15 Jul 2022 18:13

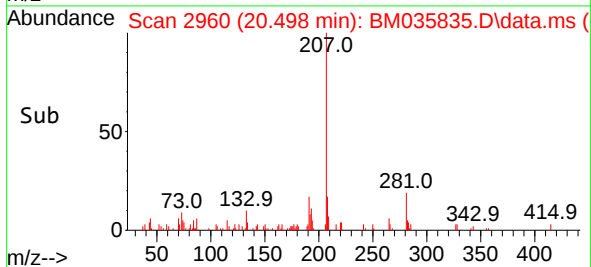
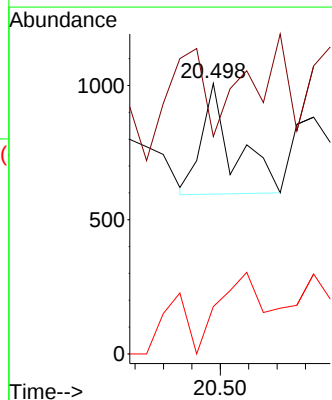
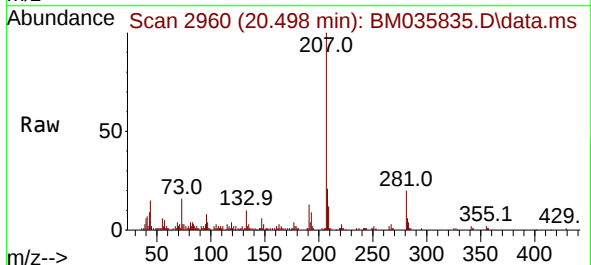
Instrument :
 BNA_M
 ClientSampleId :
 OWS-12-12.5

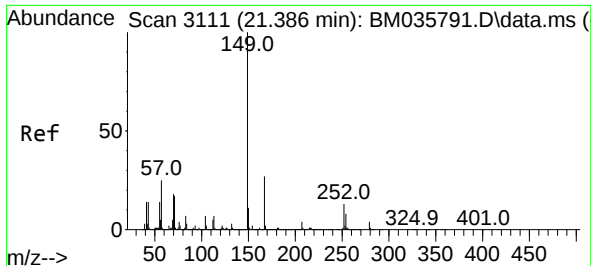
Tgt Ion:244 Resp: 7995371
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 11.1 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 4.169 ng
 RT: 20.498 min Scan# 2960
 Delta R.T. -0.105 min
 Lab File: BM035835.D
 Acq: 15 Jul 2022 18:13

Tgt Ion:149 Resp: 327
 Ion Ratio Lower Upper
 149 100
 91 80.4 56.6 85.0
 206 17.5 15.4 23.0

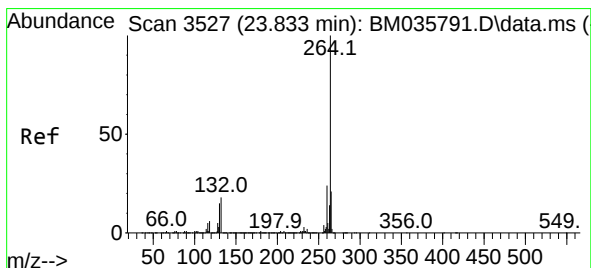
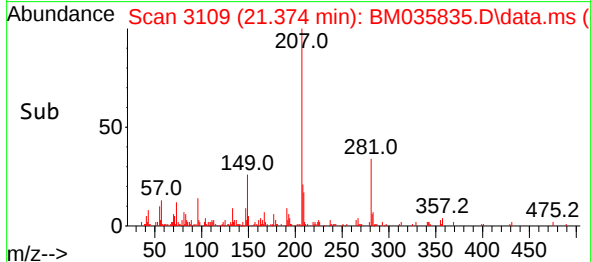
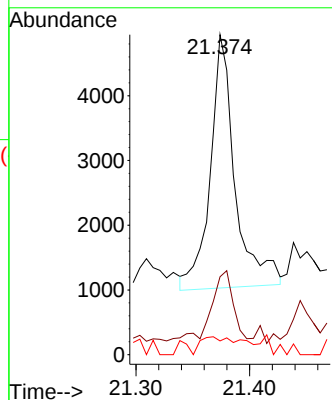
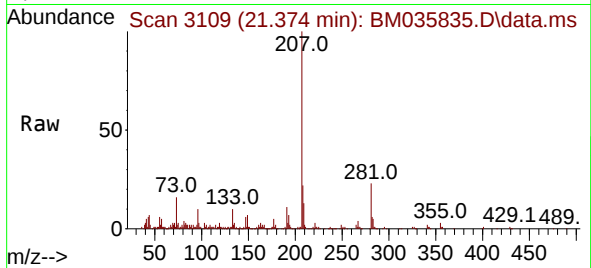




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.344 ng
RT: 21.374 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

Instrument :
BNA_M
ClientSampleId :
OWS-12-12.5

Tgt Ion:149 Resp: 5919
Ion Ratio Lower Upper
149 100
167 24.4 21.1 31.7
279 4.3 2.8 4.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.827 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BM035835.D
Acq: 15 Jul 2022 18:13

Tgt Ion:264 Resp: 1325537
Ion Ratio Lower Upper
264 100
260 24.6 18.9 28.3
265 22.0 17.5 26.3

