

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035817.D
 Acq On : 14 Jul 2022 18:05
 Operator : CG/JU
 Sample : N3651-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-SED

Quant Time: Jul 15 01:10:46 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)

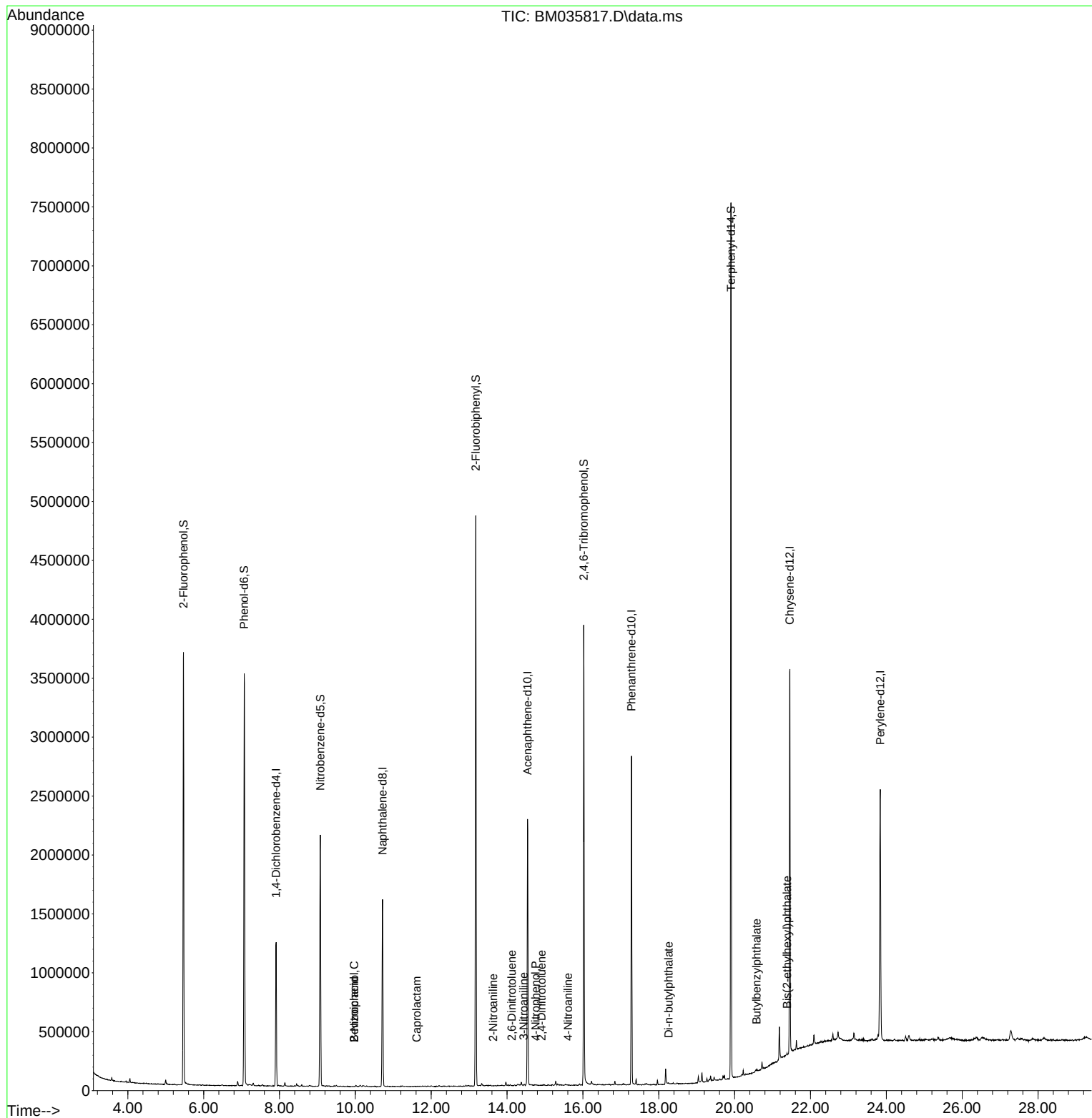
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	326626	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1333109	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	777854	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1591224	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1521936	20.000	ng	0.00
86) Perylene-d12	23.838	264	1525312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1614167	80.271	ng	0.00
7) Phenol-d6	7.069	99	1980280	78.729	ng	0.00
23) Nitrobenzene-d5	9.075	82	1196924	51.327	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	712602	90.212	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	2340091	41.955	ng	0.00
79) Terphenyl-d14	19.903	244	3308284	42.196	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.969	139	56	4.579	ng	# 1
32) Benzoic acid	9.969	122	56	8.040	ng	# 1
35) Caprolactam	11.616	113	66	5.108	ng	# 1
48) 2-Nitroaniline	13.633	65	587	3.642	ng	# 34
51) 2,6-Dinitrotoluene	14.121	165	396	2.330	ng	# 52
53) 3-Nitroaniline	14.439	138	349	2.694	ng	# 72
56) 4-Nitrophenol	14.751	139	131	4.062	ng	# 1
57) 2,4-Dinitrotoluene	14.910	165	609	3.376	ng	# 22
62) 4-Nitroaniline	15.604	138	121	2.809	ng	# 29
74) Di-n-butylphthalate	18.256	149	4268	2.310	ng	# 96
80) Butylbenzylphthalate	20.580	149	277	4.168	ng	# 65
84) Bis(2-ethylhexyl)phtha...	21.380	149	5409	3.333	ng	# 95

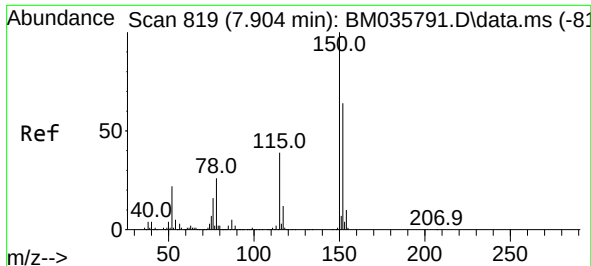
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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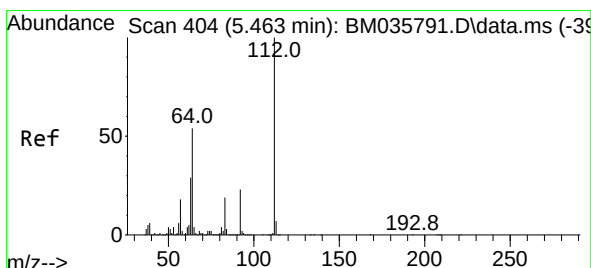
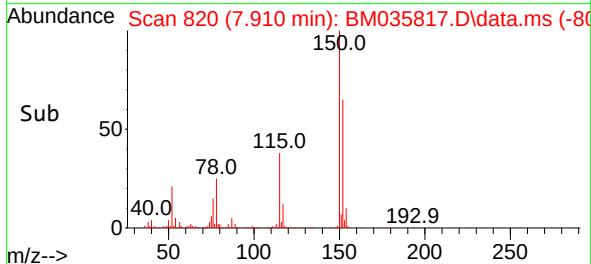
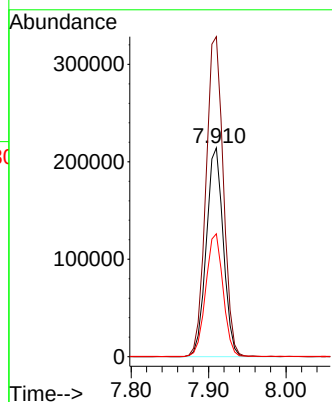
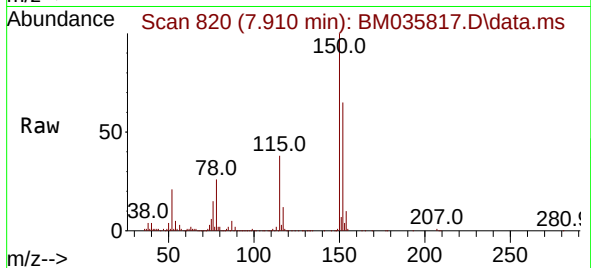




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 819
 Delta R.T. 0.006 min
 Lab File: BM035817.D
 Acq: 14 Jul 2022 18:05

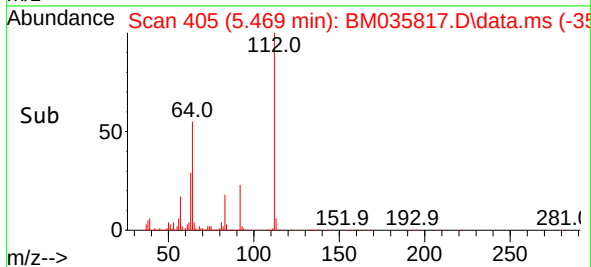
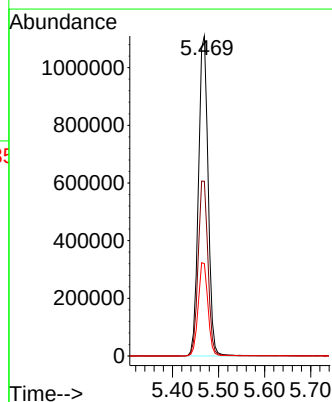
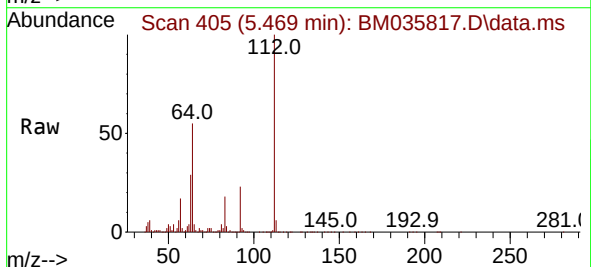
Instrument :
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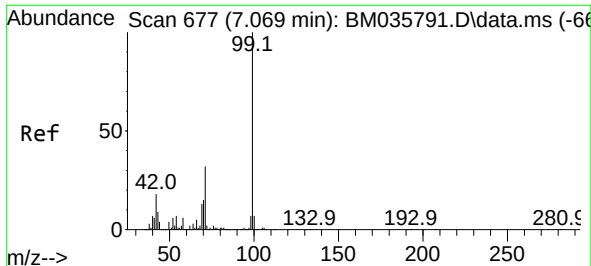
Tgt Ion:152 Resp: 326626
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.9 187.3
 115 58.9 47.9 71.9



#5
 2-Fluorophenol
 Concen: 80.271 ng
 RT: 5.469 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: BM035817.D
 Acq: 14 Jul 2022 18:05

Tgt Ion:112 Resp: 1614167
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.8 71.6
 63 28.8 26.6 40.0

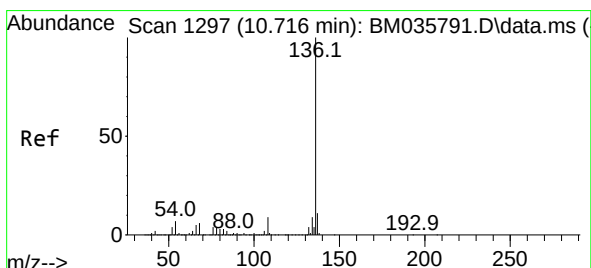
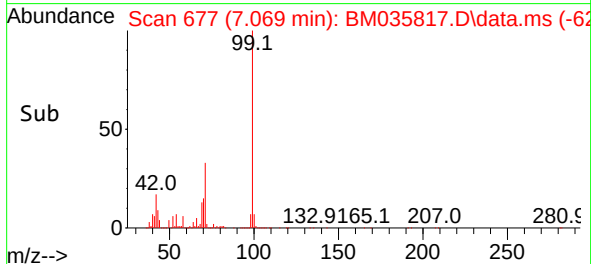
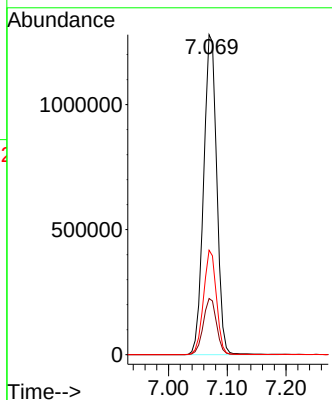
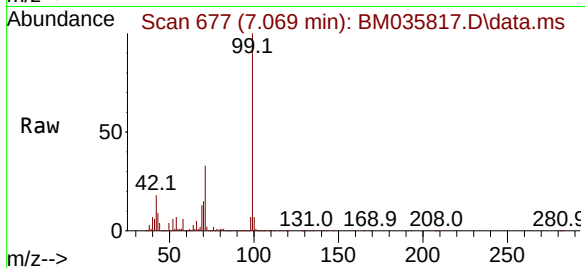




#7
Phenol-d6
Concen: 78.729 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

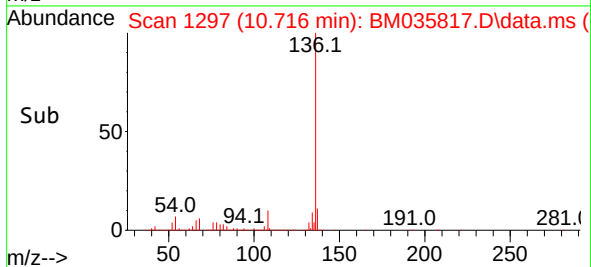
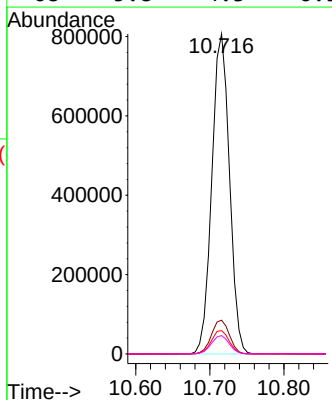
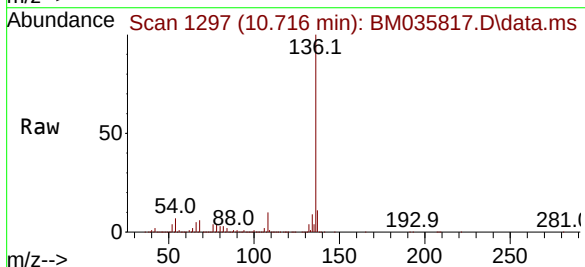
Instrument :
BNA_M
ClientSampleId :
DUP-SED

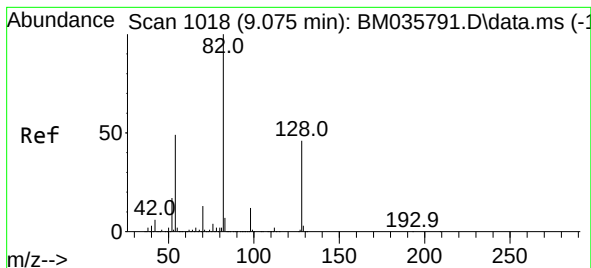
Tgt Ion: 99 Resp: 1980280
Ion Ratio Lower Upper
99 100
42 17.5 18.8 28.2#
71 32.6 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

Tgt Ion: 136 Resp: 1333109
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.3 7.0 10.4
68 5.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 51.327 ng

RT: 9.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM035817.D

Acq: 14 Jul 2022 18:05

Instrument :

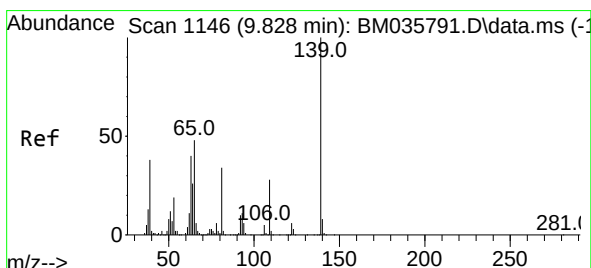
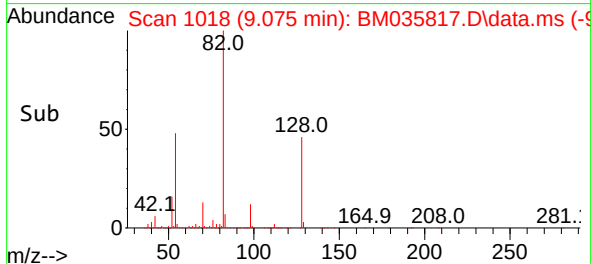
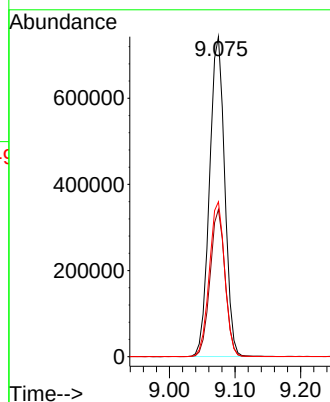
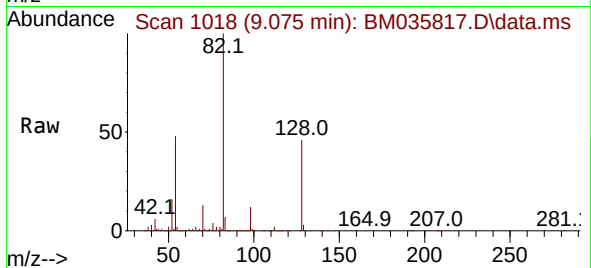
BNA_M

ClientSampleId :

DUP-SED

Tgt Ion: 82 Resp: 1196924

Ion	Ratio	Lower	Upper
82	100		
128	46.0	33.7	50.5
54	48.4	43.2	64.8



#26

2-Nitrophenol

Concen: 4.579 ng

RT: 9.969 min Scan# 1170

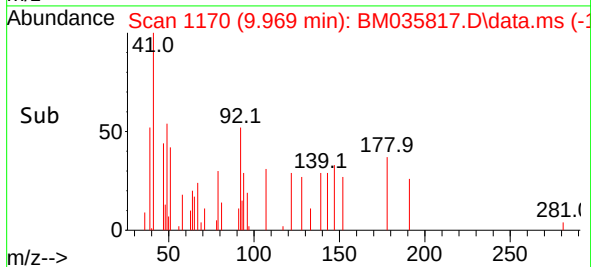
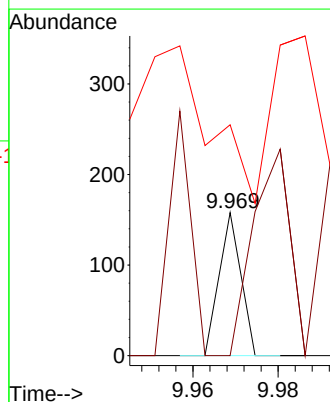
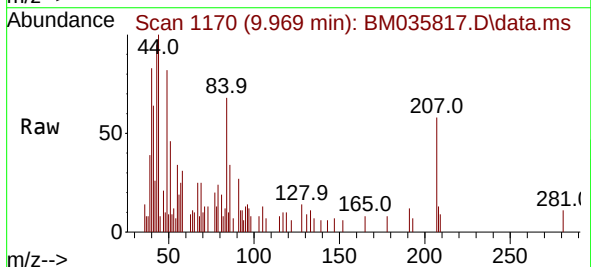
Delta R.T. 0.141 min

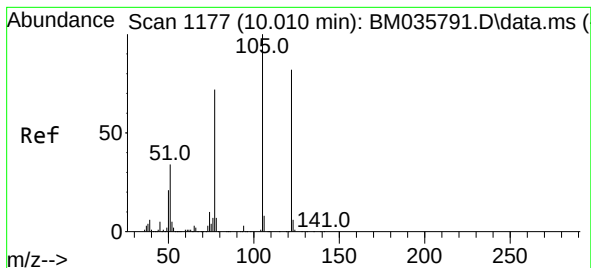
Lab File: BM035817.D

Acq: 14 Jul 2022 18:05

Tgt Ion:139 Resp: 56

Ion	Ratio	Lower	Upper
139	100		
109	0.0	25.6	38.4#
65	161.4	43.2	64.8#





#32

Benzoic acid

Concen: 8.040 ng

RT: 9.969 min Scan# 1177

Delta R.T. -0.041 min

Lab File: BM035817.D

Acq: 14 Jul 2022 18:05

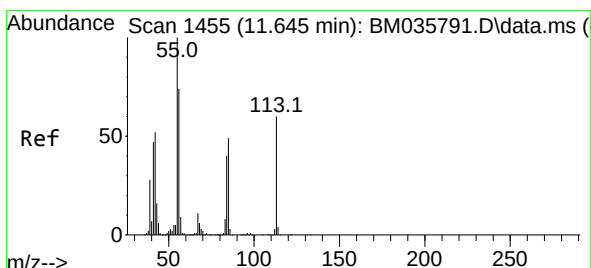
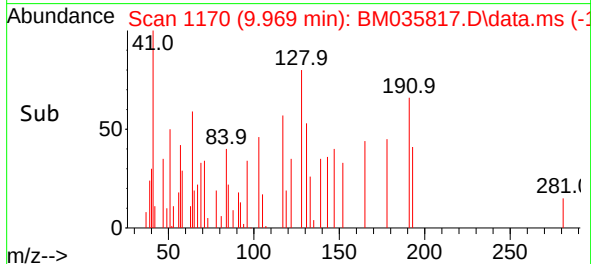
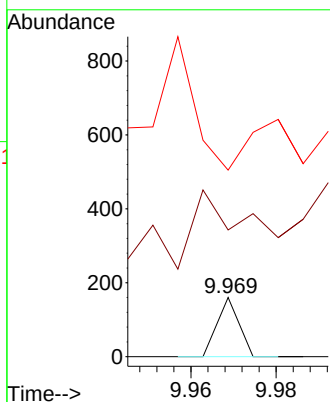
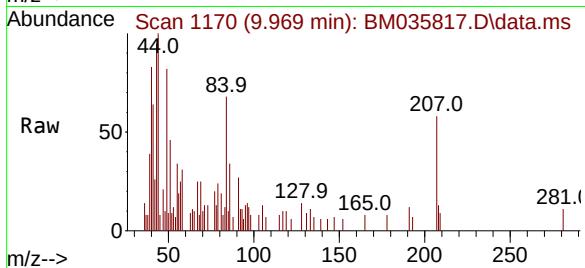
Instrument :

BNA_M

ClientSampleId :

DUP-SED

Tgt Ion:	122	Resp:	56
Ion	Ratio	Lower	Upper
122	100		
105	214.4	105.7	145.7#
77	315.6	80.0	120.0#



#35

Caprolactam

Concen: 5.108 ng

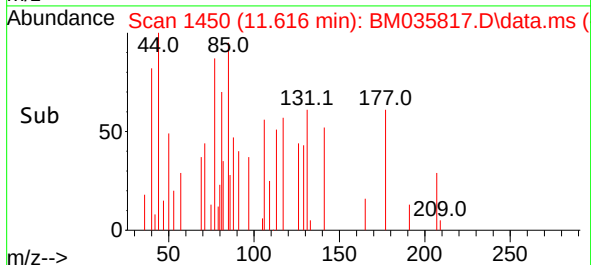
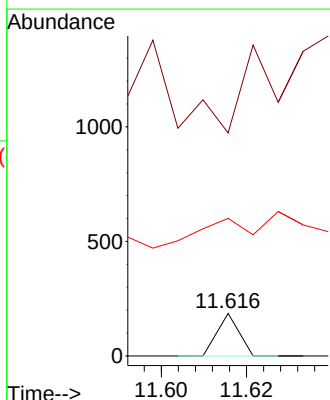
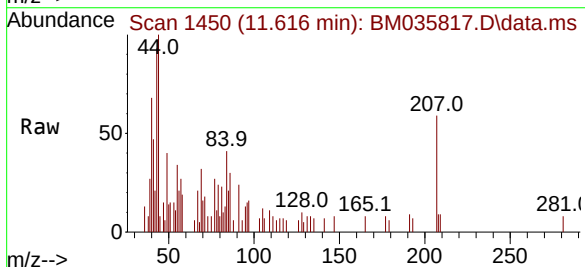
RT: 11.616 min Scan# 1450

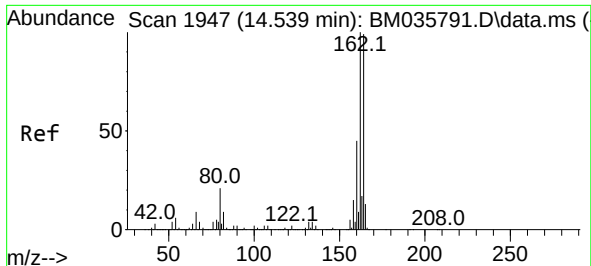
Delta R.T. -0.029 min

Lab File: BM035817.D

Acq: 14 Jul 2022 18:05

Tgt Ion:	113	Resp:	66
Ion	Ratio	Lower	Upper
113	100		
55	523.7	150.1	190.1#
56	323.1	111.7	151.7#

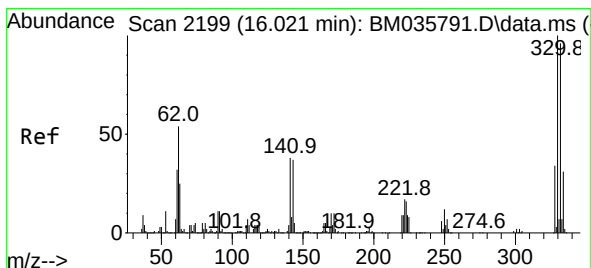
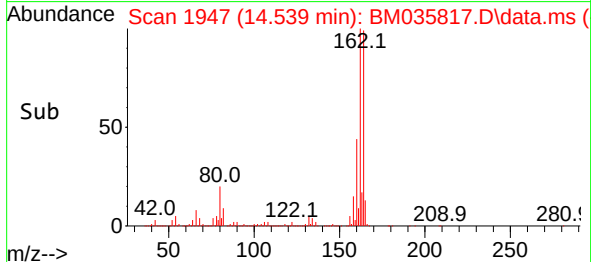
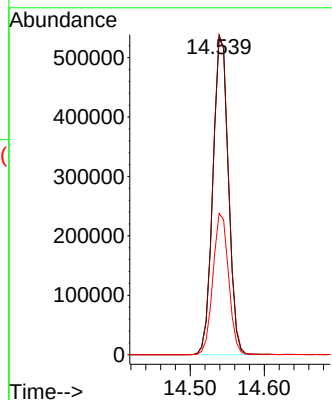
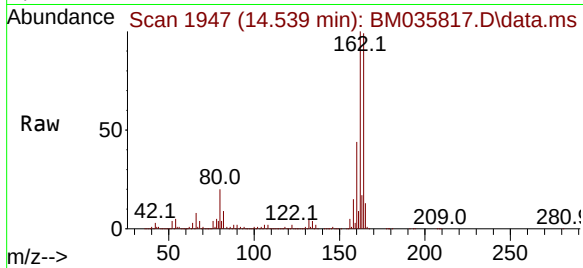




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

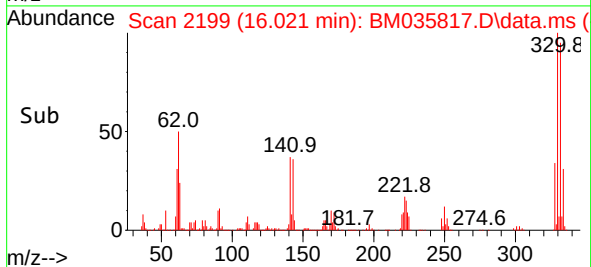
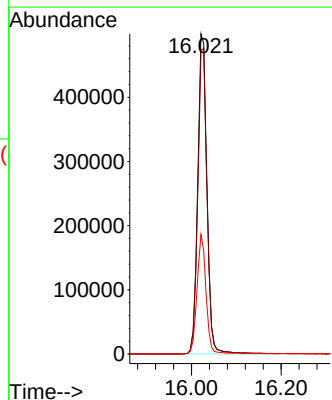
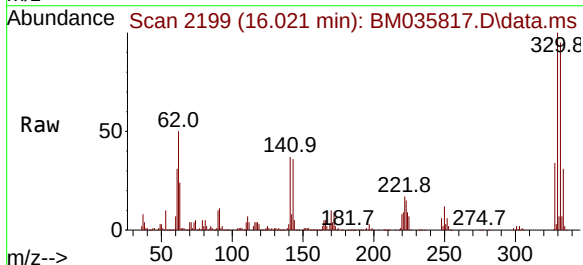
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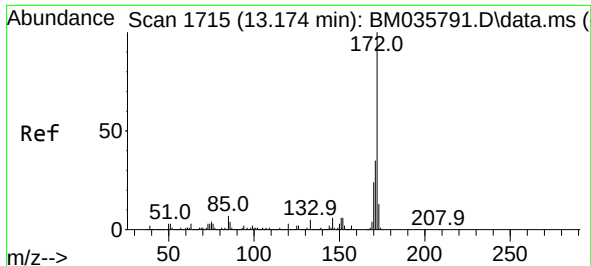
Tgt Ion:164 Resp: 777854
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.6
160 44.6 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 90.212 ng
RT: 16.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

Tgt Ion:330 Resp: 712602
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 36.2 35.3 52.9

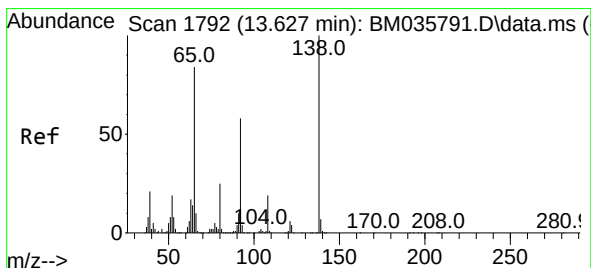
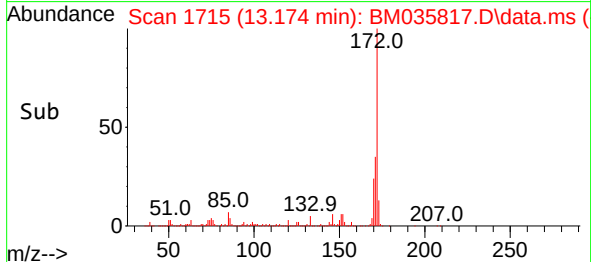
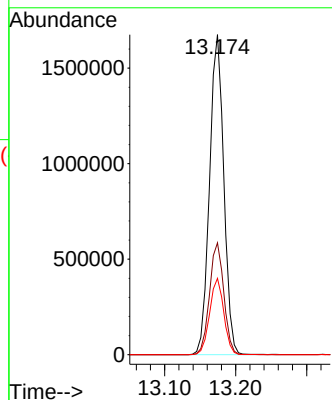
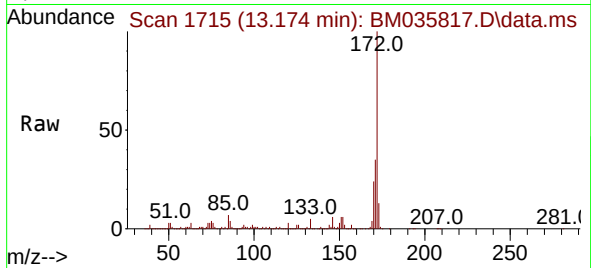




#45
2-Fluorobiphenyl
Concen: 41.955 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

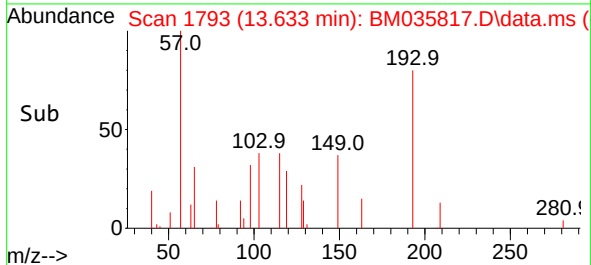
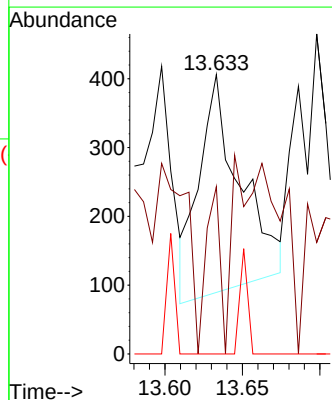
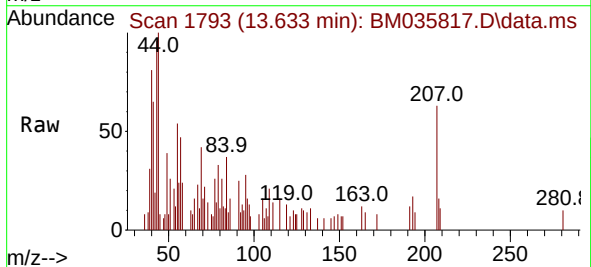
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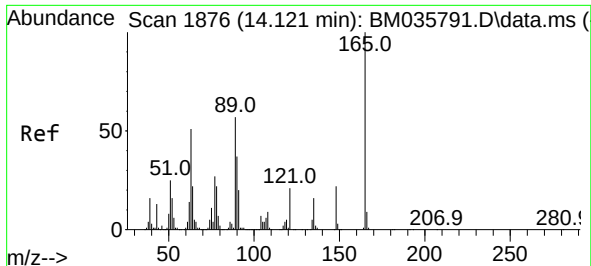
Tgt Ion:172 Resp: 2340091
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.9 18.7 28.1



#48
2-Nitroaniline
Concen: 3.642 ng
RT: 13.633 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

Tgt Ion: 65 Resp: 587
Ion Ratio Lower Upper
65 100
92 59.9 53.7 80.5
138 0.0 83.9 125.9#

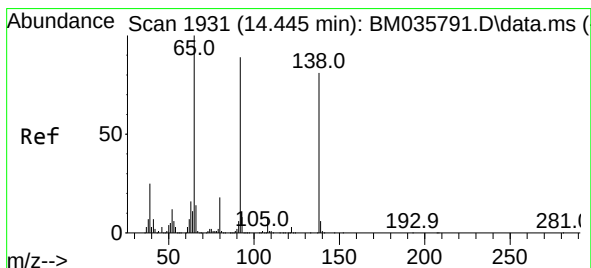
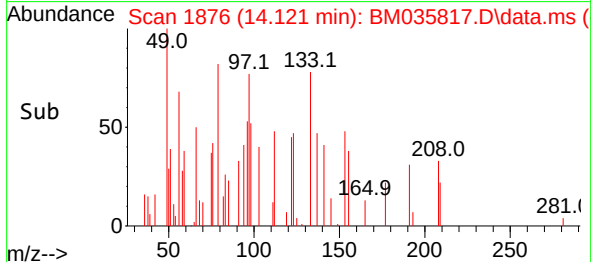
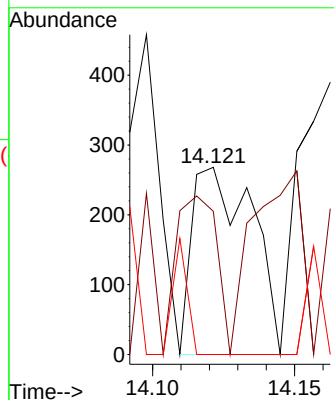
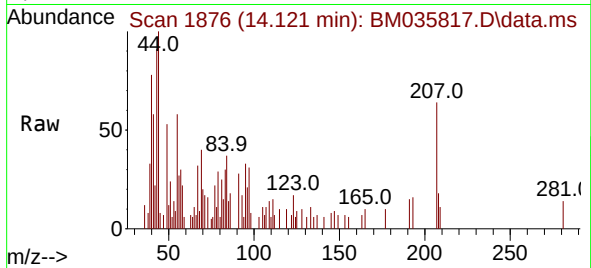




#51
2,6-Dinitrotoluene
Concen: 2.330 ng
RT: 14.121 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

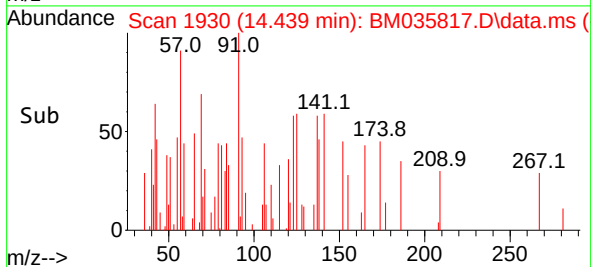
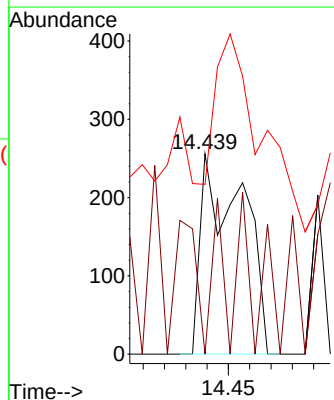
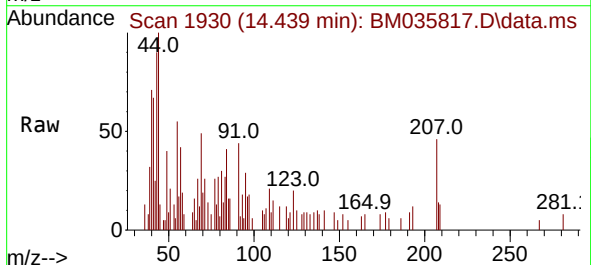
Instrument :
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DUP-SED

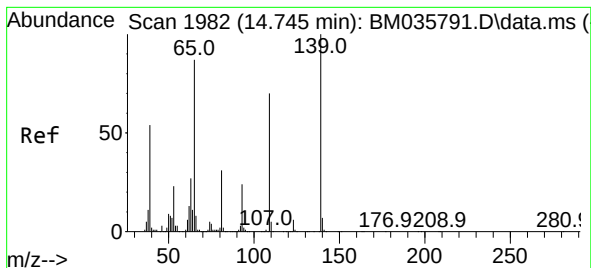
Tgt Ion:165 Resp: 396
Ion Ratio Lower Upper
165 100
63 76.5 50.2 75.2#
89 0.0 48.4 72.6#



#53
3-Nitroaniline
Concen: 2.694 ng
RT: 14.439 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

Tgt Ion:138 Resp: 349
Ion Ratio Lower Upper
138 100
108 0.0 8.7 13.1#
92 84.8 91.5 137.3#

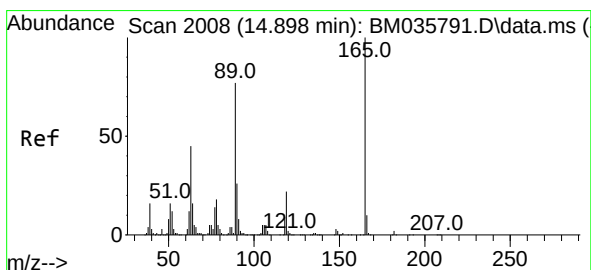
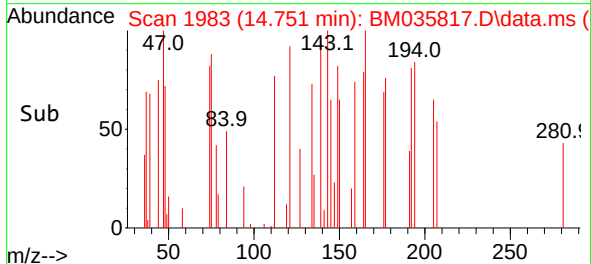
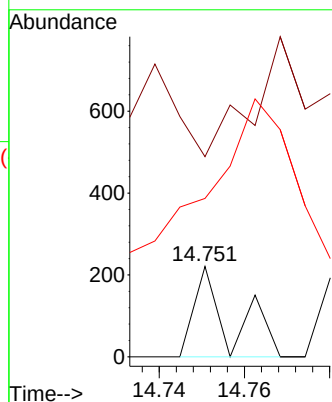
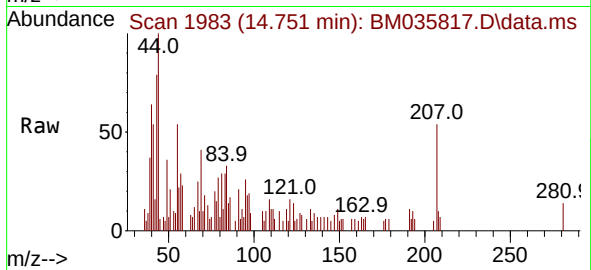




#56
4-Nitrophenol
Concen: 4.062 ng
RT: 14.751 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

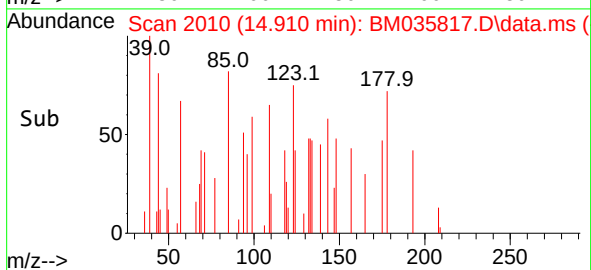
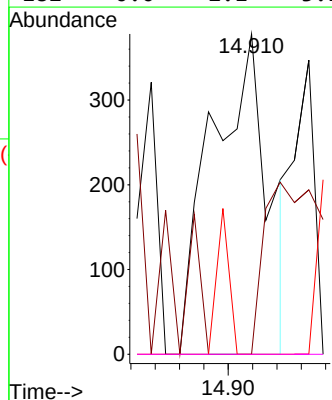
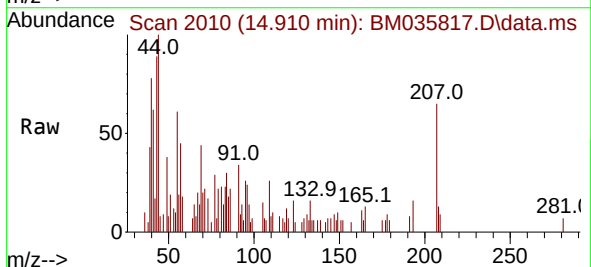
Instrument :
BNA_M
ClientSampleId :
DUP-SED

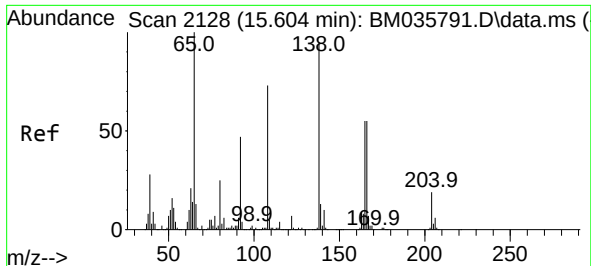
Tgt Ion:139 Resp: 131
Ion Ratio Lower Upper
139 100
109 221.3 62.5 102.5#
65 175.1 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 3.376 ng
RT: 14.910 min Scan# 2010
Delta R.T. 0.012 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

Tgt Ion:165 Resp: 609
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#

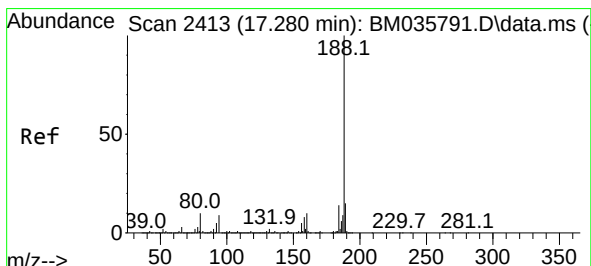
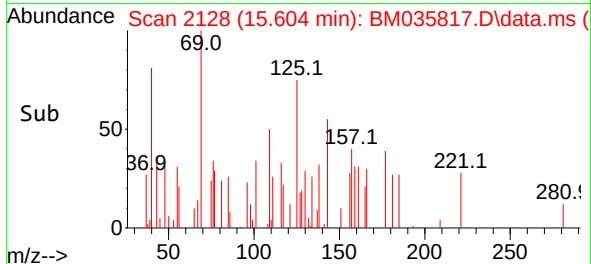
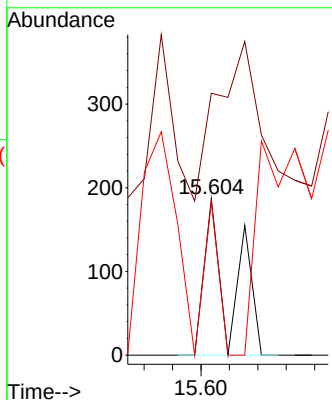
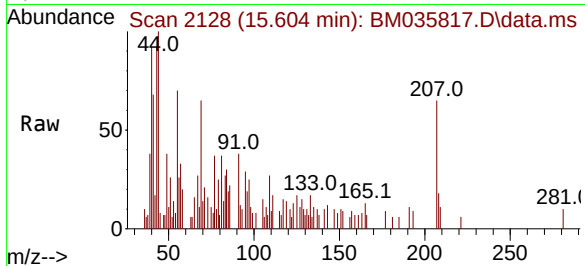




#62
4-Nitroaniline
Concen: 2.809 ng
RT: 15.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

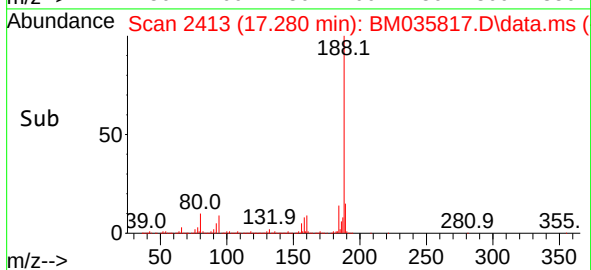
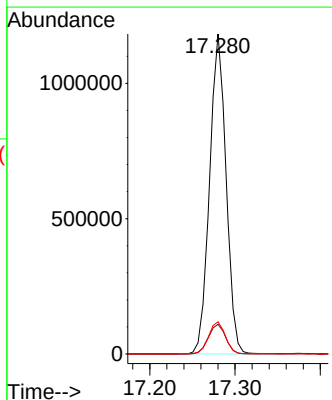
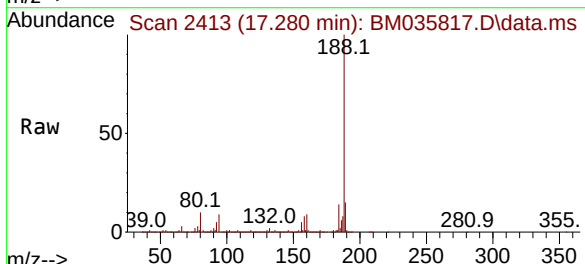
Instrument :
BNA_M
ClientSampleId :
DUP-SED

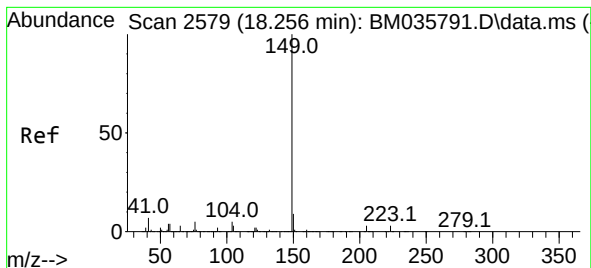
Tgt Ion:138 Resp: 121
Ion Ratio Lower Upper
138 100
92 167.4 30.8 70.8#
108 97.9 65.7 105.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

Tgt Ion:188 Resp: 1591224
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 10.1 7.6 11.4

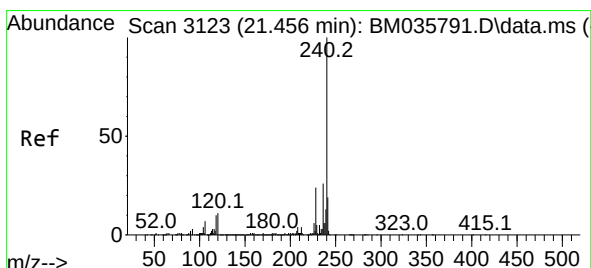
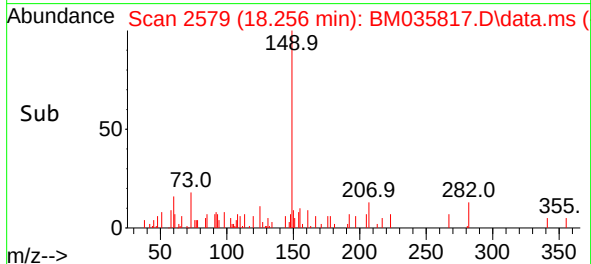
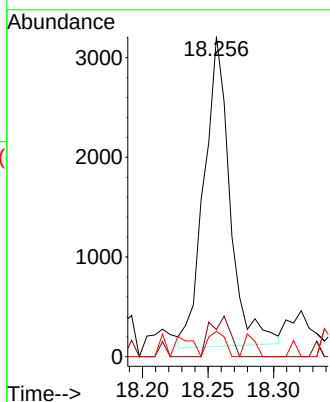
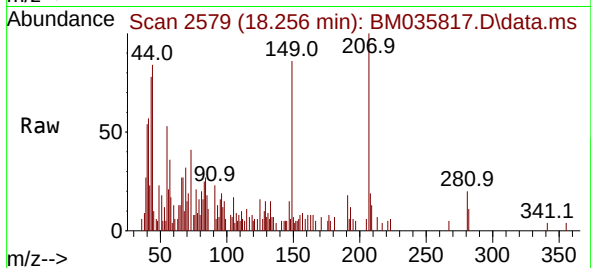




#74
Di-n-butylphthalate
Concen: 2.310 ng
RT: 18.256 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

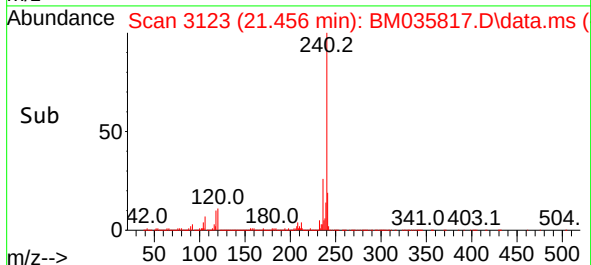
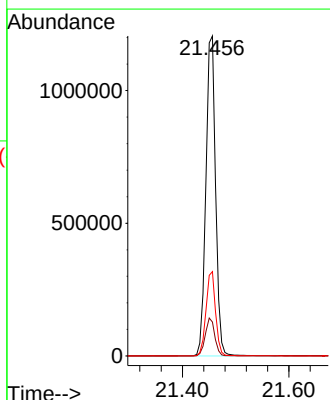
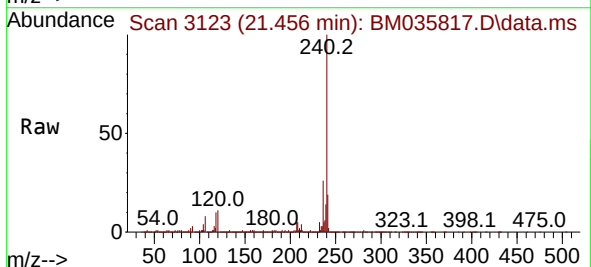
Instrument :
BNA_M
ClientSampleId :
DUP-SED

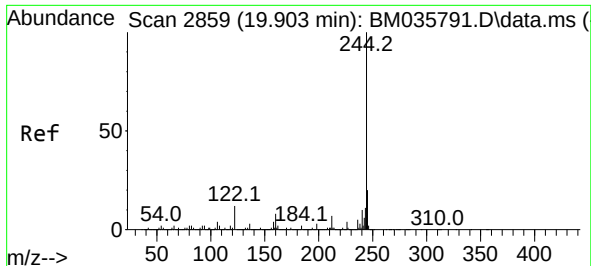
Tgt Ion:149 Resp: 4268
Ion Ratio Lower Upper
149 100
150 8.5 7.3 10.9
104 7.9 4.3 6.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

Tgt Ion:240 Resp: 1521936
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.0
236 26.3 20.6 30.8

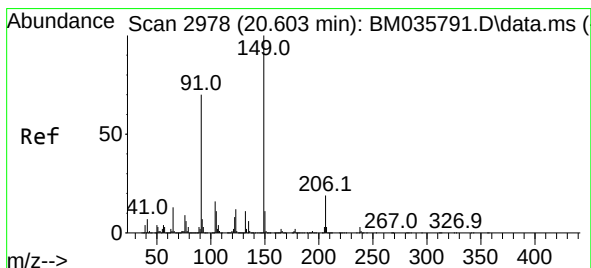
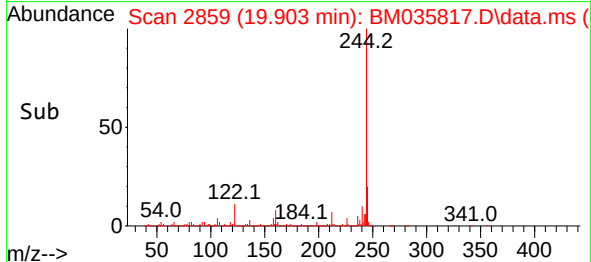
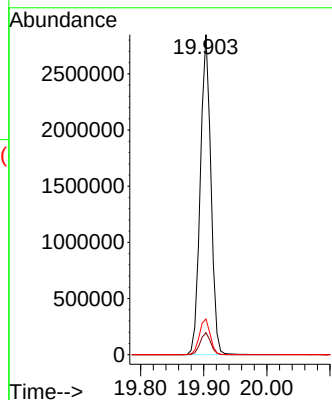
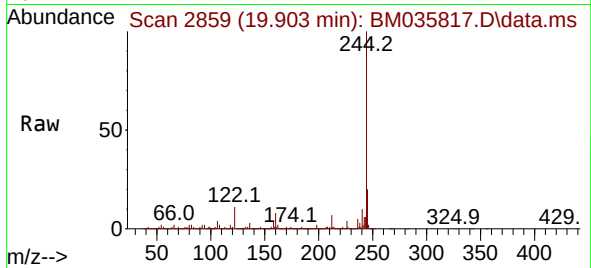




#79
 Terphenyl-d14
 Concen: 42.196 ng
 RT: 19.903 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035817.D
 Acq: 14 Jul 2022 18:05

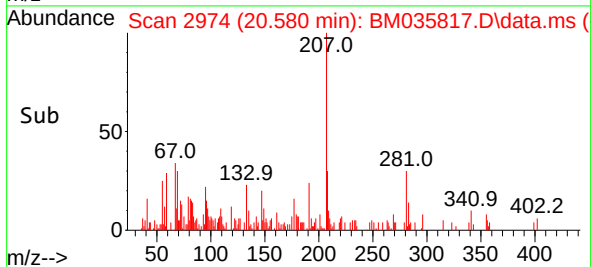
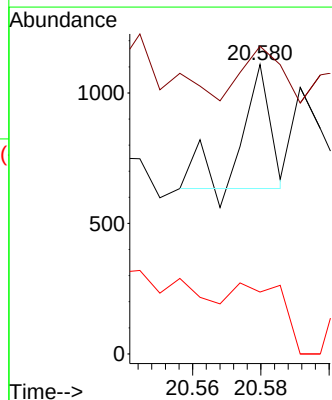
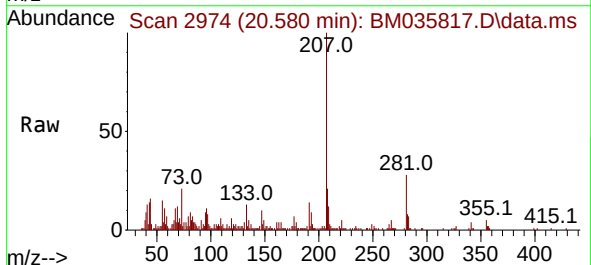
Instrument :
 BNA_M
 ClientSampleId :
 DUP-SED

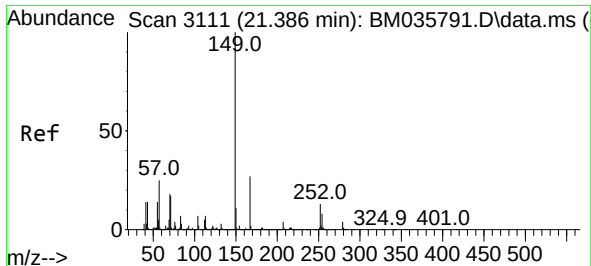
Tgt Ion:244 Resp: 3308284
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 11.2 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 4.168 ng
 RT: 20.580 min Scan# 2974
 Delta R.T. -0.023 min
 Lab File: BM035817.D
 Acq: 14 Jul 2022 18:05

Tgt Ion:149 Resp: 277
 Ion Ratio Lower Upper
 149 100
 91 106.3 56.6 85.0#
 206 21.4 15.4 23.0

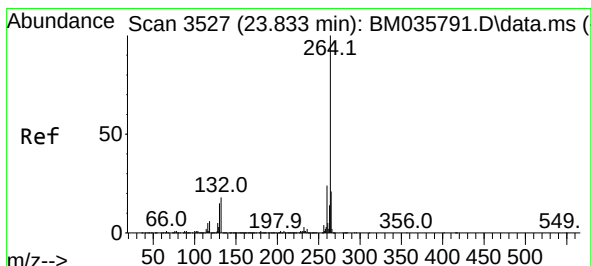
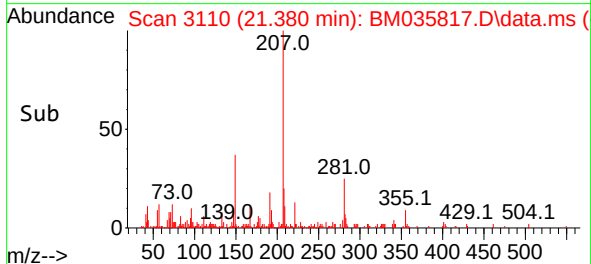
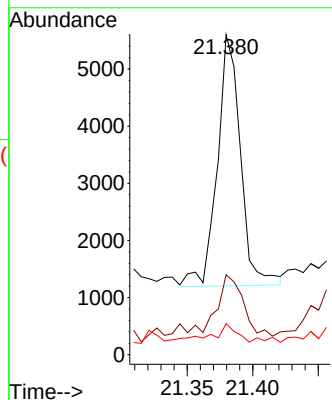
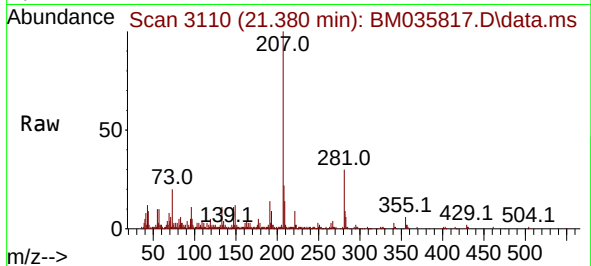




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.333 ng
RT: 21.380 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

Instrument :
BNA_M
ClientSampleId :
DUP-SED

Tgt Ion:149 Resp: 5409
Ion Ratio Lower Upper
149 100
167 25.0 21.1 31.7
279 9.7 2.8 4.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.838 min Scan# 3528
Delta R.T. 0.005 min
Lab File: BM035817.D
Acq: 14 Jul 2022 18:05

Tgt Ion:264 Resp: 1525312
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 21.7 17.5 26.3

