

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035819.D
 Acq On : 14 Jul 2022 19:19
 Operator : CG/JU
 Sample : N3651-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-5-(12-18)

Quant Time: Jul 15 01:11:02 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)

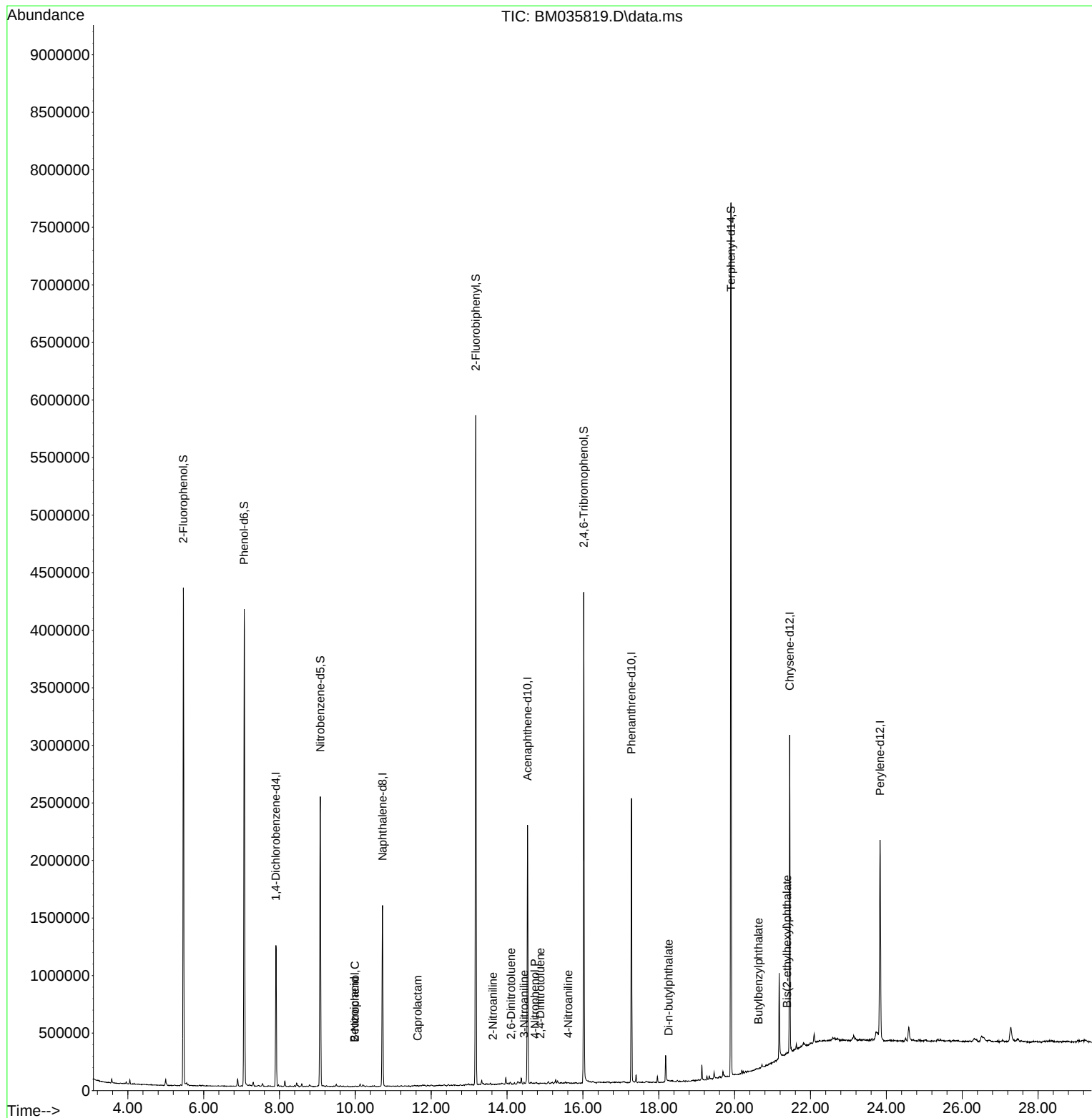
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	326828	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1319849	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	741435	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1392924	20.000	ng	0.00
76) Chrysene-d12	21.451	240	1220080	20.000	ng	0.00
86) Perylene-d12	23.833	264	1218077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1868119	92.842	ng	0.00
7) Phenol-d6	7.069	99	2310346	91.794	ng	0.00
23) Nitrobenzene-d5	9.075	82	1401167	60.690	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	752490	99.941	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	2811669	52.887	ng	0.00
79) Terphenyl-d14	19.904	244	3521863	56.034	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.987	139	62	4.579	ng	# 1
32) Benzoic acid	9.975	122	114	8.044	ng	# 1
35) Caprolactam	11.640	113	60	5.107	ng	# 1
48) 2-Nitroaniline	13.628	65	96	3.604	ng	# 33
51) 2,6-Dinitrotoluene	14.104	165	96	2.304	ng	# 49
53) 3-Nitroaniline	14.451	138	593	2.714	ng	# 85
56) 4-Nitrophenol	14.733	139	391	4.088	ng	# 1
57) 2,4-Dinitrotoluene	14.875	165	161	3.348	ng	# 22
62) 4-Nitroaniline	15.616	138	78	2.806	ng	# 40
74) Di-n-butylphthalate	18.257	149	2935	2.300	ng	# 84
80) Butylbenzylphthalate	20.627	149	243	4.169	ng	# 60
84) Bis(2-ethylhexyl)phtha...	21.380	149	6299	3.378	ng	# 96

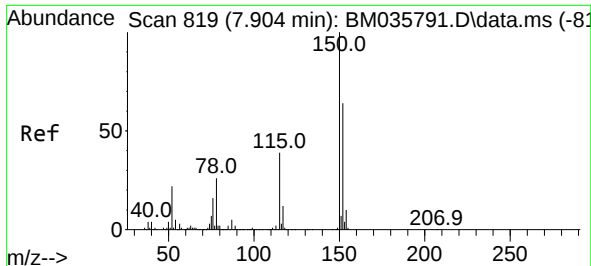
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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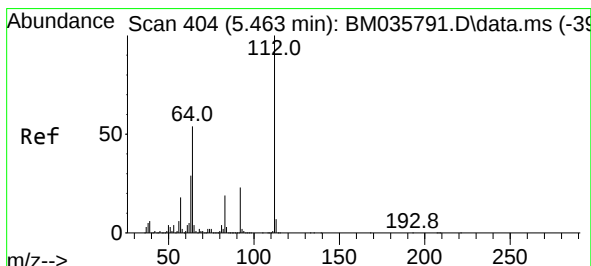
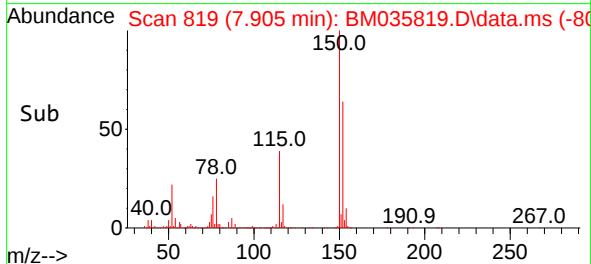
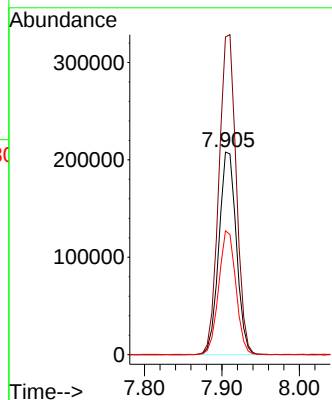
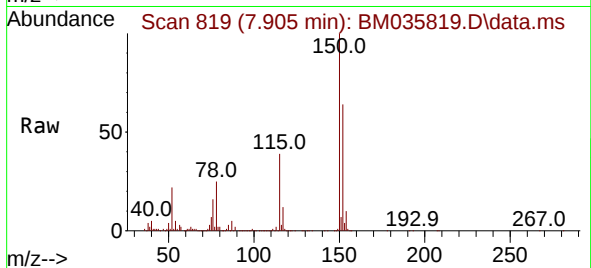




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.905 min Scan# 819
 Delta R.T. 0.001 min
 Lab File: BM035819.D
 Acq: 14 Jul 2022 19:19

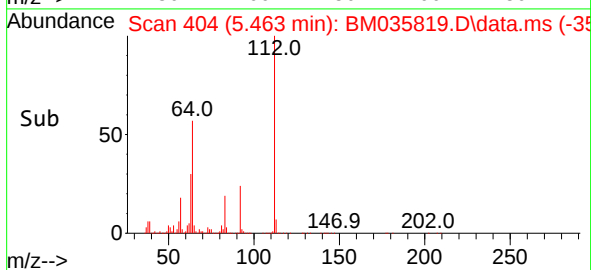
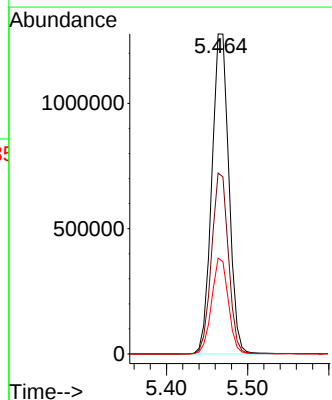
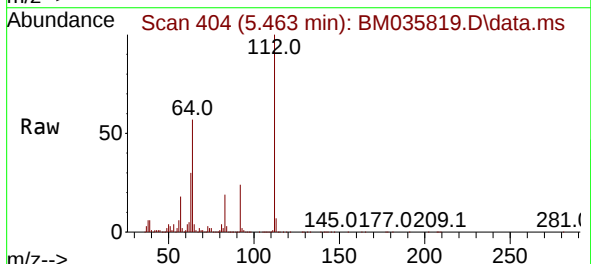
Instrument :
 BNA_M
 ClientSampleId :
 SED-5-(12-18)

Tgt Ion:152 Resp: 326828
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.9 187.3
 115 61.1 47.9 71.9



#5
 2-Fluorophenol
 Concen: 92.842 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035819.D
 Acq: 14 Jul 2022 19:19

Tgt Ion:112 Resp: 1868119
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.8 71.6
 63 30.0 26.6 40.0

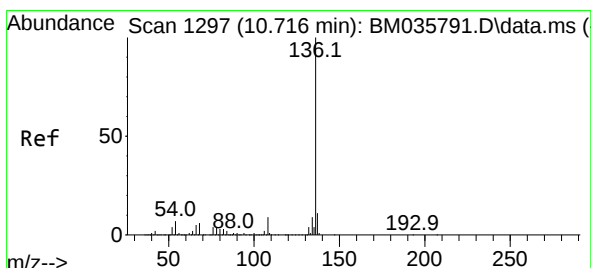
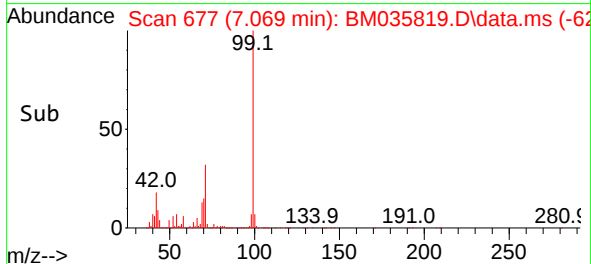
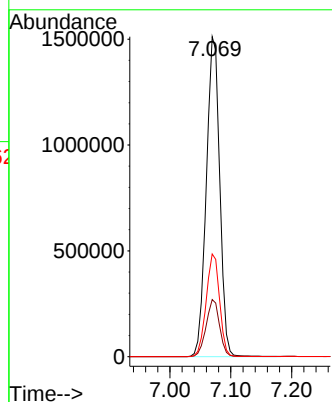
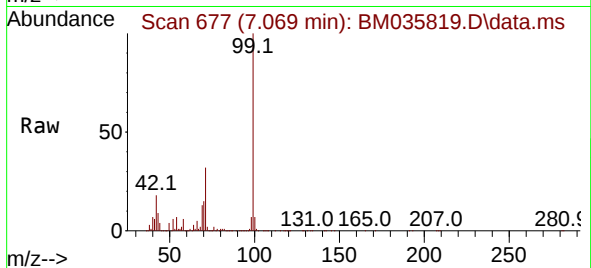




#7
Phenol-d6
Concen: 91.794 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

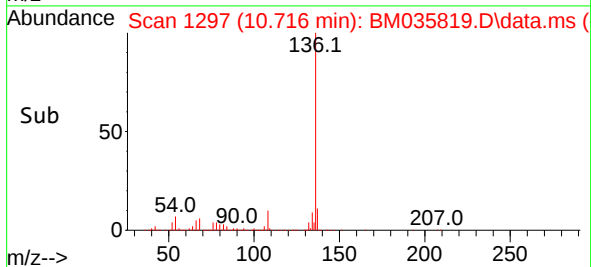
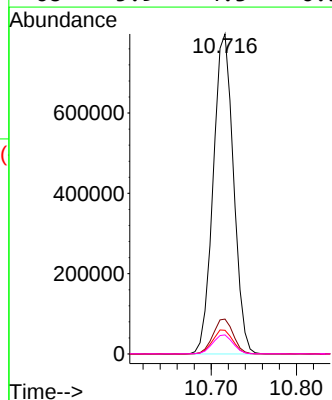
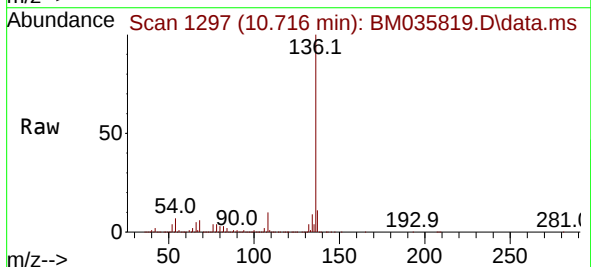
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BNA_M
ClientSampleId :
SED-5-(12-18)

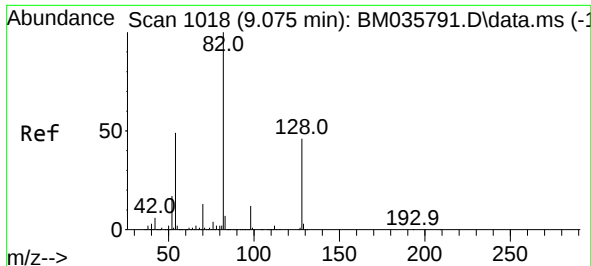
Tgt Ion: 99 Resp: 2310346
Ion Ratio Lower Upper
99 100
42 17.8 18.8 28.2#
71 32.1 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

Tgt Ion: 136 Resp: 1319849
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 7.0 10.4
68 5.9 4.3 6.5

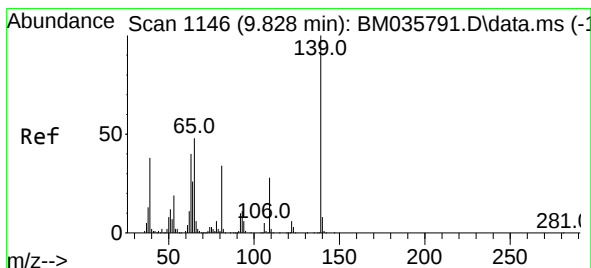
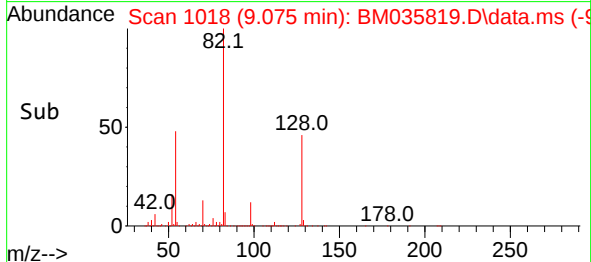
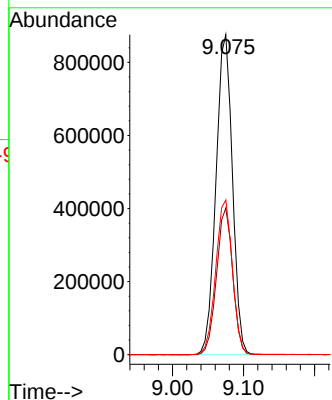
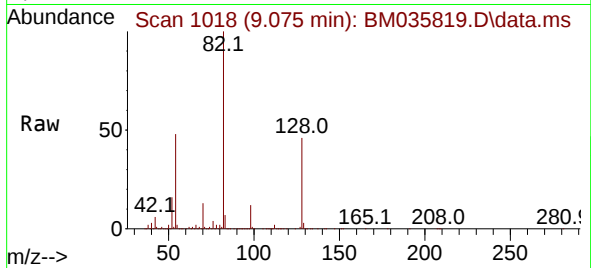




#23
Nitrobenzene-d5
Concen: 60.690 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

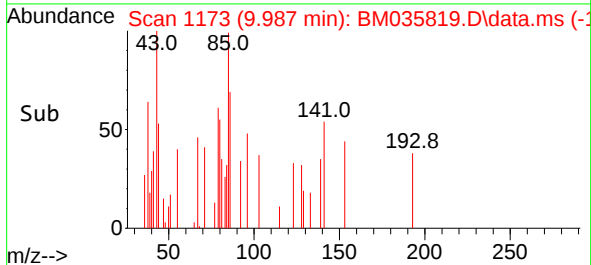
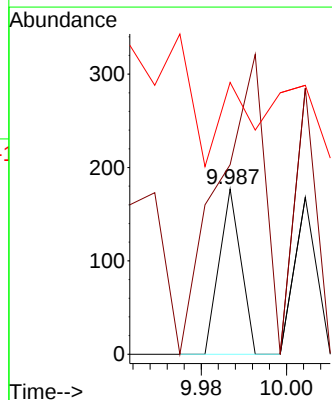
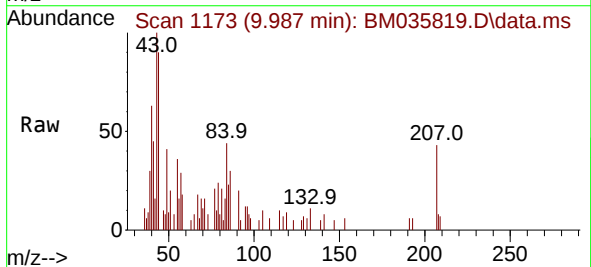
Instrument :
BNA_M
ClientSampleId :
SED-5-(12-18)

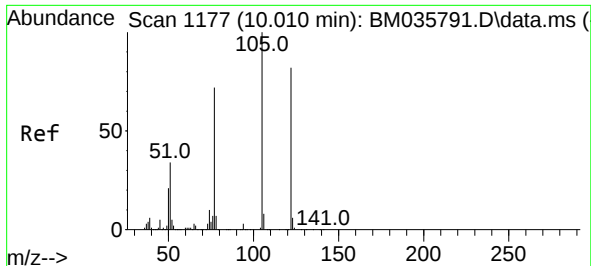
Tgt Ion: 82 Resp: 1401167
Ion Ratio Lower Upper
82 100
128 45.8 33.7 50.5
54 48.4 43.2 64.8



#26
2-Nitrophenol
Concen: 4.579 ng
RT: 9.987 min Scan# 1173
Delta R.T. 0.159 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

Tgt Ion:139 Resp: 62
Ion Ratio Lower Upper
139 100
109 114.7 25.6 38.4#
65 164.4 43.2 64.8#

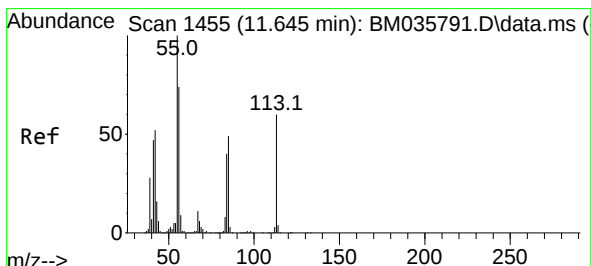
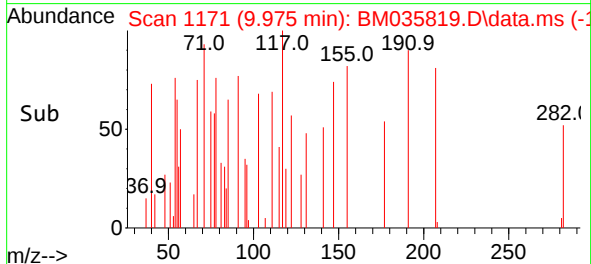
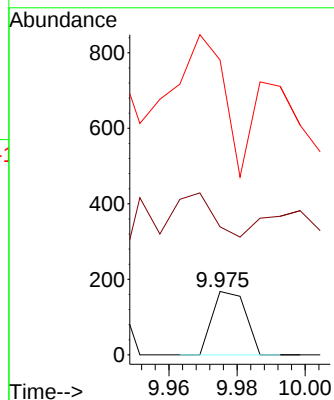
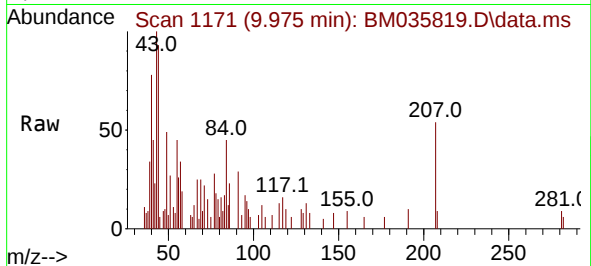




#32
Benzoic acid
Concen: 8.044 ng
RT: 9.975 min Scan# 1177
Delta R.T. -0.035 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

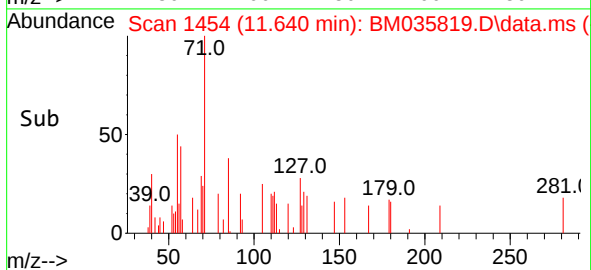
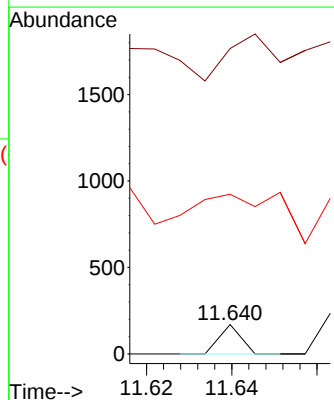
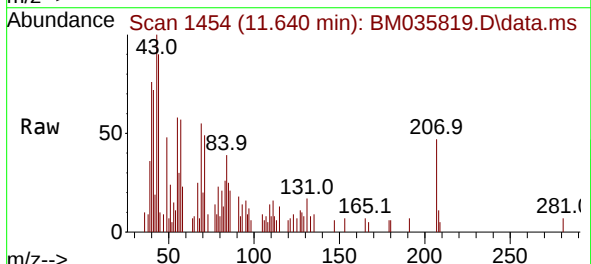
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ClientSampleId :
SED-5-(12-18)

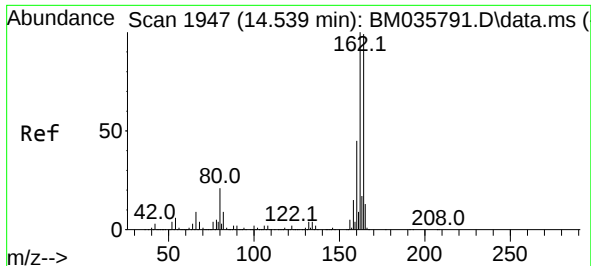
Tgt Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 201.8 105.7 145.7#
77 464.9 80.0 120.0#



#35
Caprolactam
Concen: 5.107 ng
RT: 11.640 min Scan# 1454
Delta R.T. -0.005 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

Tgt Ion:113 Resp: 60
Ion Ratio Lower Upper
113 100
55 1039.4 150.1 190.1#
56 542.9 111.7 151.7#

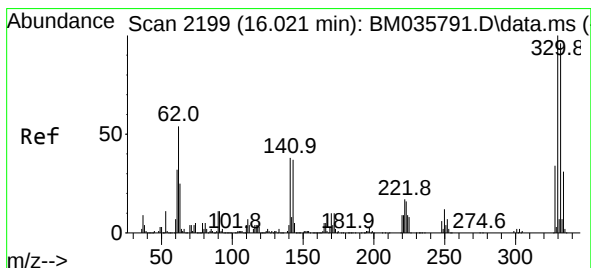
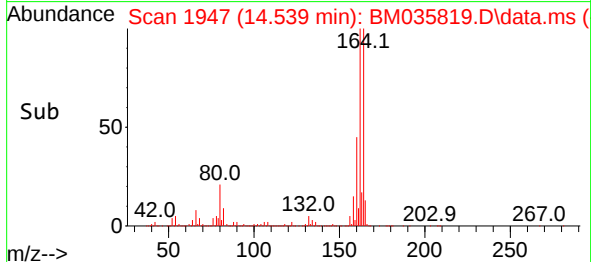
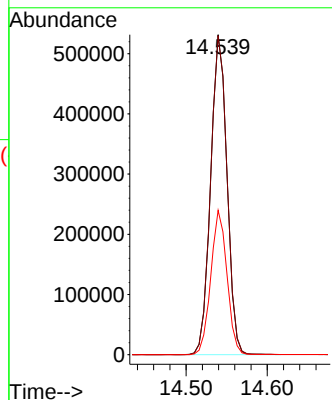
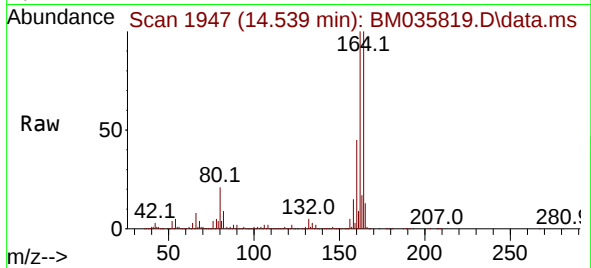




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

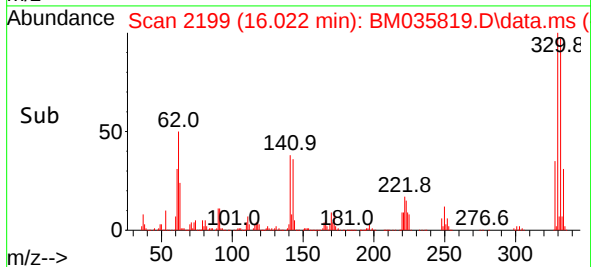
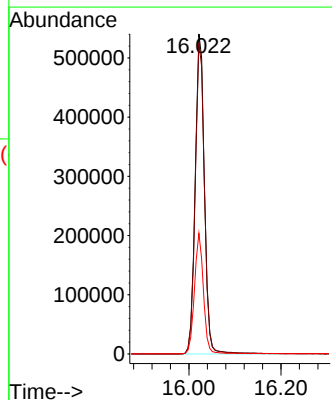
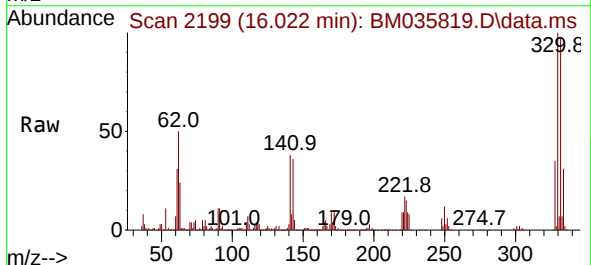
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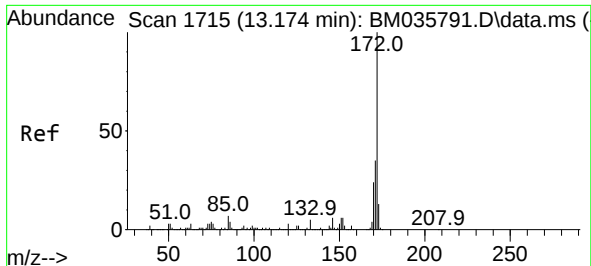
Tgt Ion:164 Resp: 741435
Ion Ratio Lower Upper
164 100
162 99.7 83.0 124.6
160 45.1 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 99.941 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

Tgt Ion:330 Resp: 752490
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 36.2 35.3 52.9

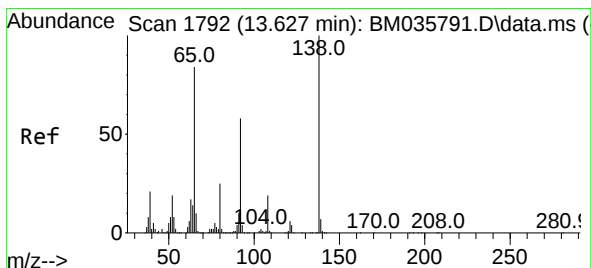
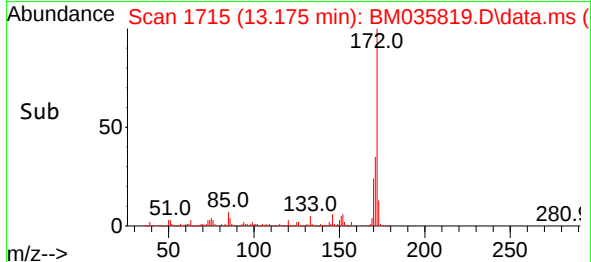
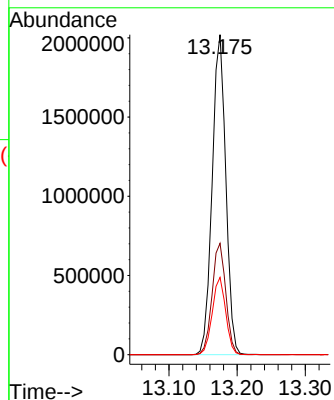
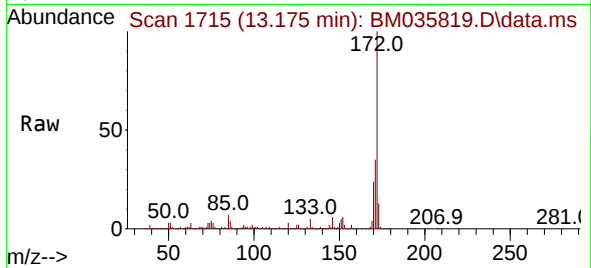




#45
2-Fluorobiphenyl
Concen: 52.887 ng
RT: 13.175 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

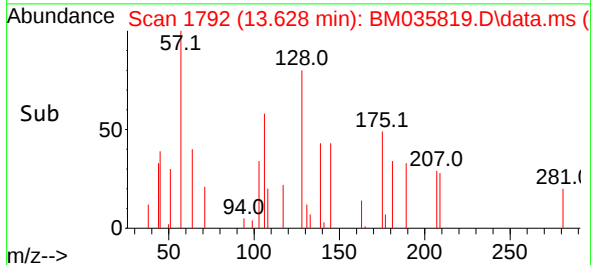
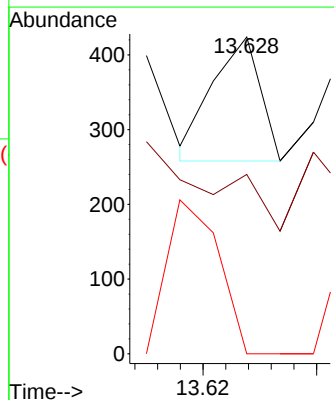
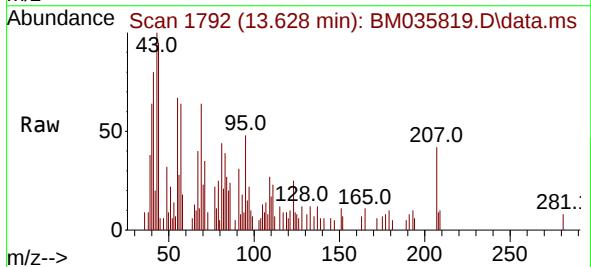
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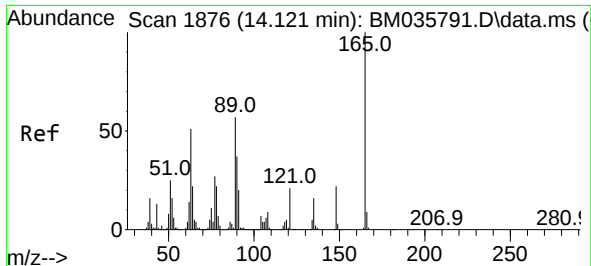
Tgt Ion:172 Resp: 2811669
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 24.1 18.7 28.1



#48
2-Nitroaniline
Concen: 3.604 ng
RT: 13.628 min Scan# 1792
Delta R.T. 0.001 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

Tgt Ion: 65 Resp: 96
Ion Ratio Lower Upper
65 100
92 56.6 53.7 80.5
138 0.0 83.9 125.9#

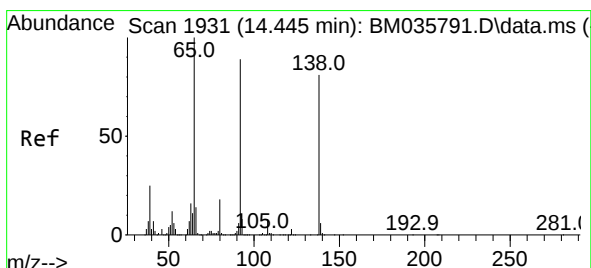
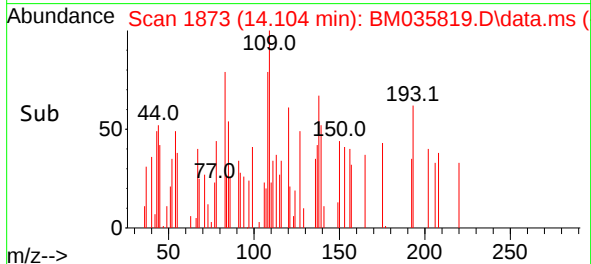
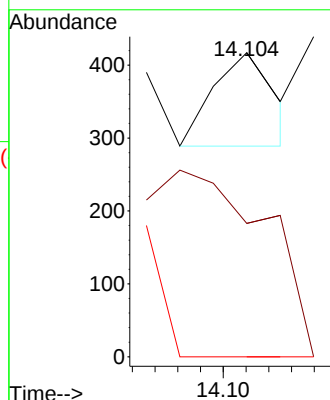
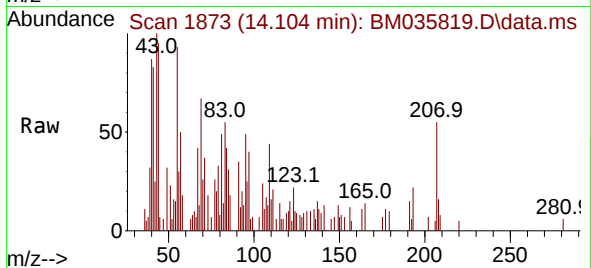




#51
2,6-Dinitrotoluene
Concen: 2.304 ng
RT: 14.104 min Scan# 1873
Delta R.T. -0.017 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

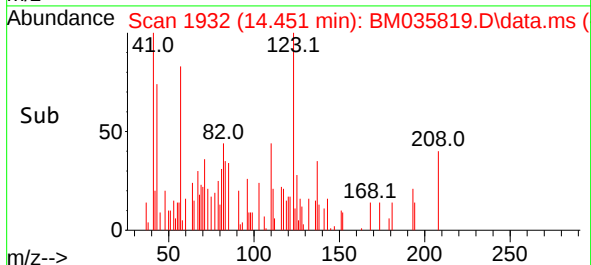
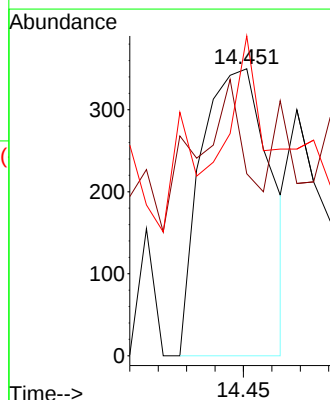
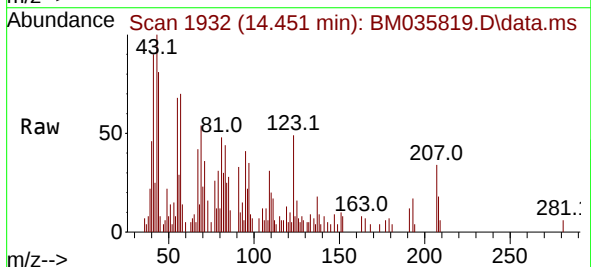
Instrument :
BNA_M
ClientSampleId :
SED-5-(12-18)

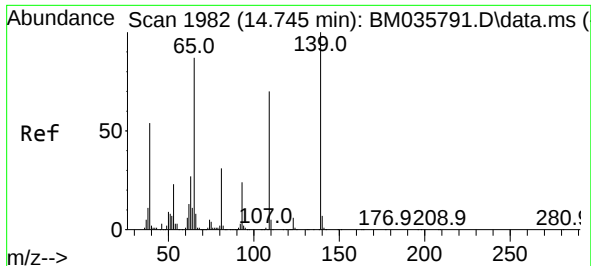
Tgt Ion:165 Resp: 96
Ion Ratio Lower Upper
165 100
63 43.9 50.2 75.2#
89 0.0 48.4 72.6#



#53
3-Nitroaniline
Concen: 2.714 ng
RT: 14.451 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

Tgt Ion:138 Resp: 593
Ion Ratio Lower Upper
138 100
108 63.4 8.7 13.1#
92 111.4 91.5 137.3

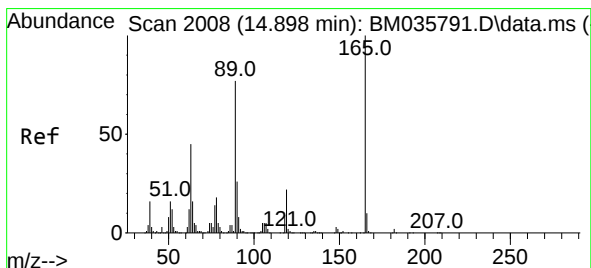
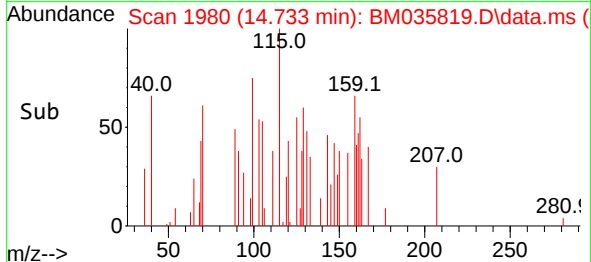
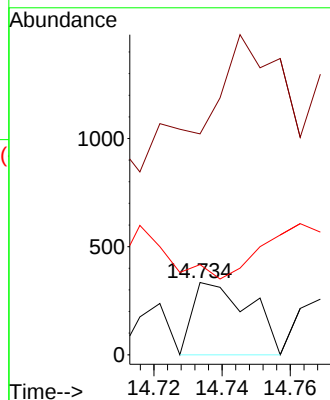
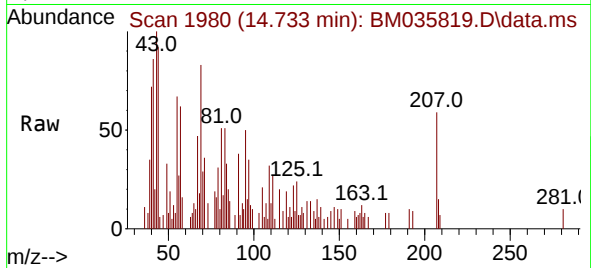




#56
4-Nitrophenol
Concen: 4.088 ng
RT: 14.733 min Scan# 1982
Delta R.T. -0.011 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

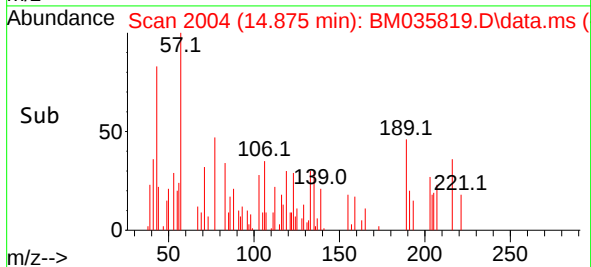
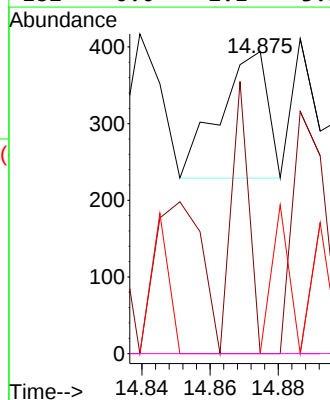
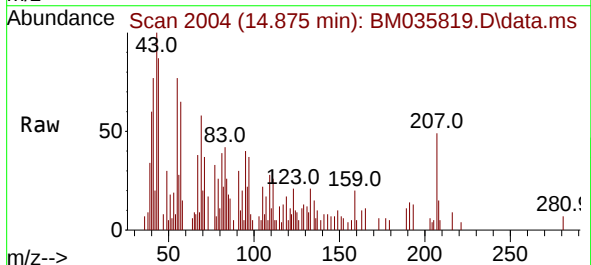
Instrument :
BNA_M
ClientSampleId :
SED-5-(12-18)

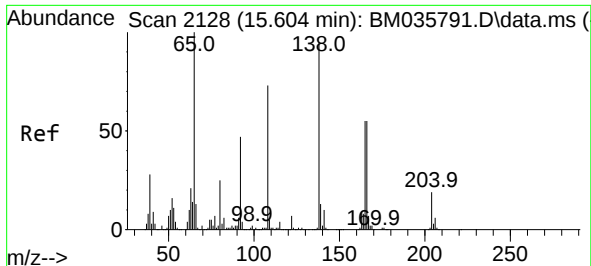
Tgt Ion:139 Resp: 391
Ion Ratio Lower Upper
139 100
109 305.7 62.5 102.5#
65 124.9 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 3.348 ng
RT: 14.875 min Scan# 2004
Delta R.T. -0.023 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

Tgt Ion:165 Resp: 161
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#

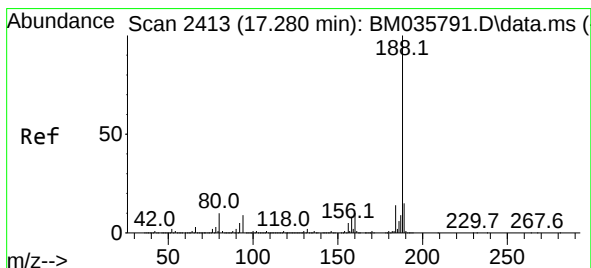
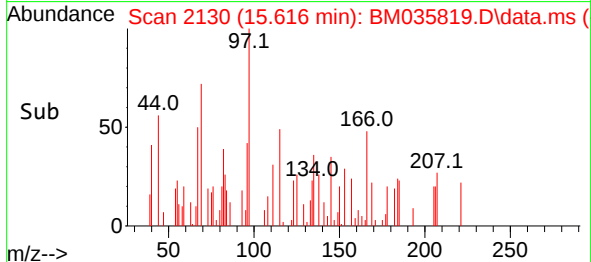
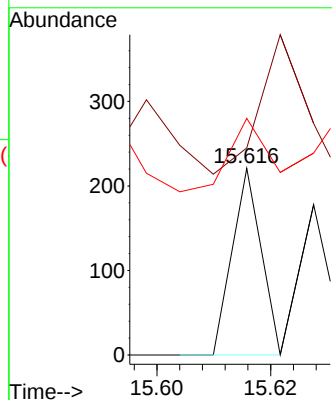
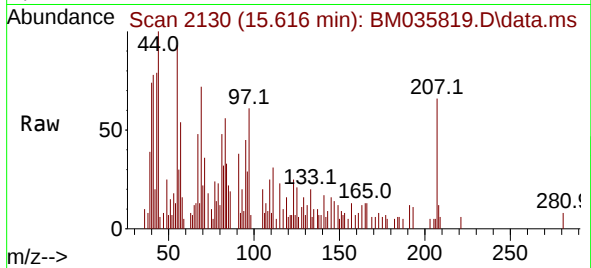




#62
4-Nitroaniline
Concen: 2.806 ng
RT: 15.616 min Scan# 2128
Delta R.T. 0.012 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

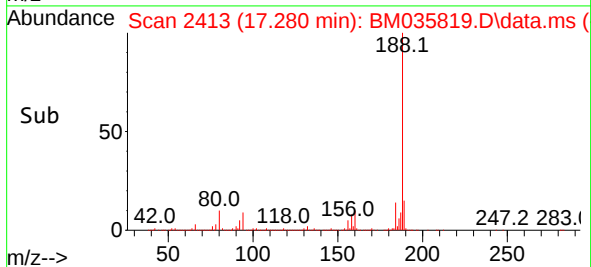
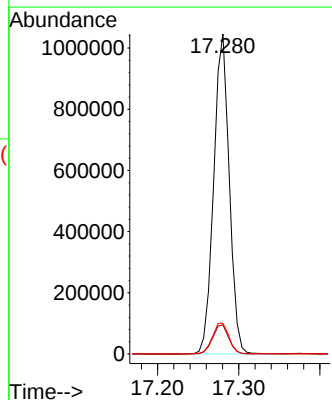
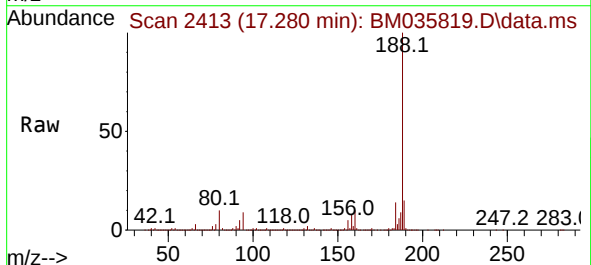
Instrument :
BNA_M
ClientSampleId :
SED-5-(12-18)

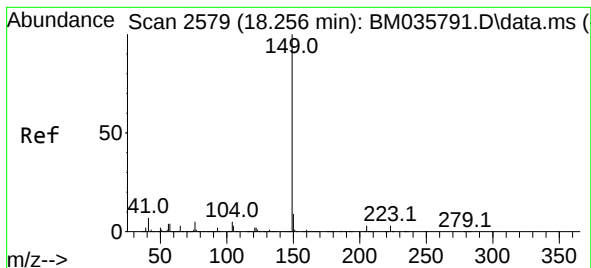
Tgt Ion:138 Resp: 78
Ion Ratio Lower Upper
138 100
92 110.9 30.8 70.8#
108 126.7 65.7 105.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

Tgt Ion:188 Resp: 1392924
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.6 7.6 11.4





#74

Di-n-butylphthalate

Concen: 2.300 ng

RT: 18.257 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM035819.D

Acq: 14 Jul 2022 19:19

Instrument :

BNA_M

ClientSampleId :

SED-5-(12-18)

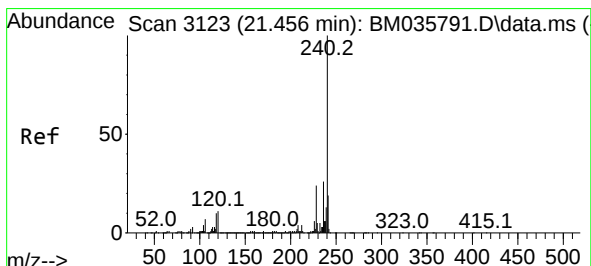
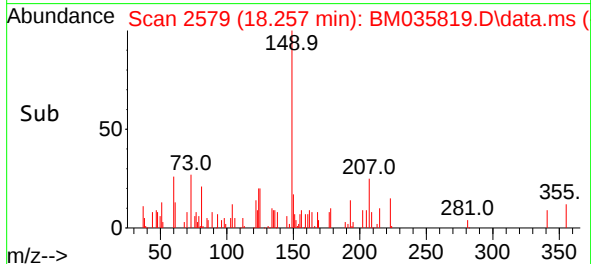
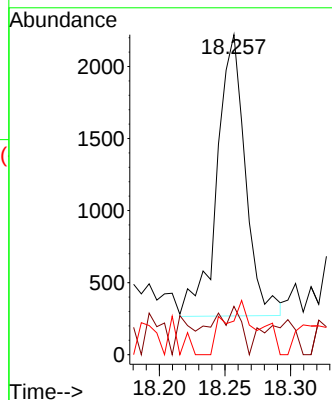
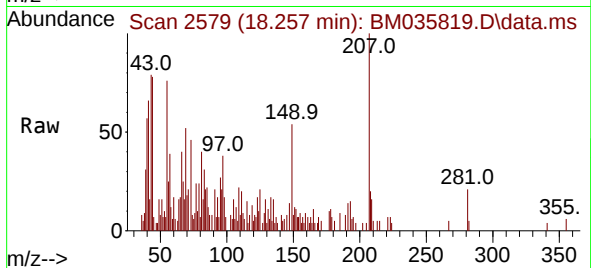
Tgt Ion:149 Resp: 2935

Ion Ratio Lower Upper

149 100

150 15.1 7.3 10.9#

104 10.5 4.3 6.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.451 min Scan# 3122

Delta R.T. -0.005 min

Lab File: BM035819.D

Acq: 14 Jul 2022 19:19

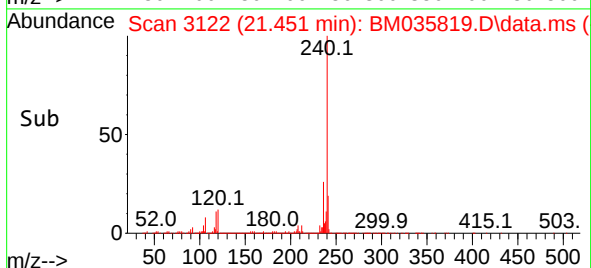
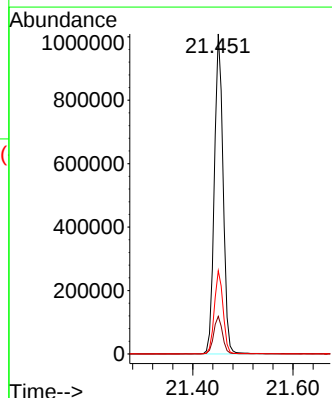
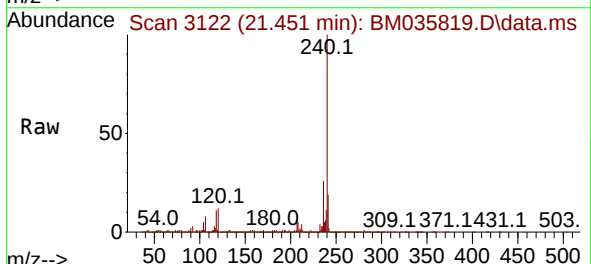
Tgt Ion:240 Resp: 1220080

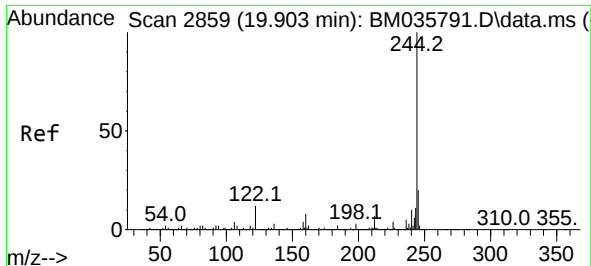
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.0

236 26.0 20.6 30.8

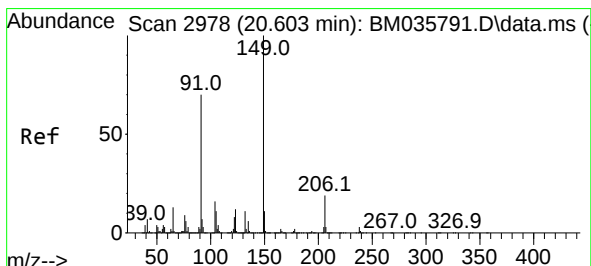
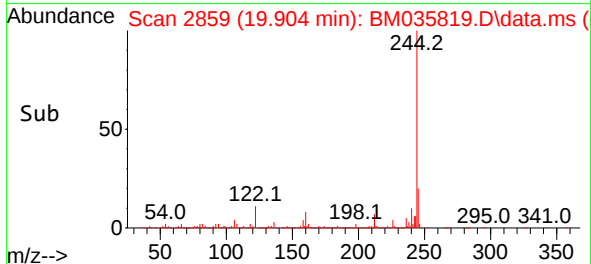
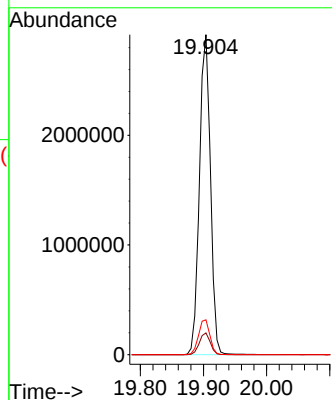
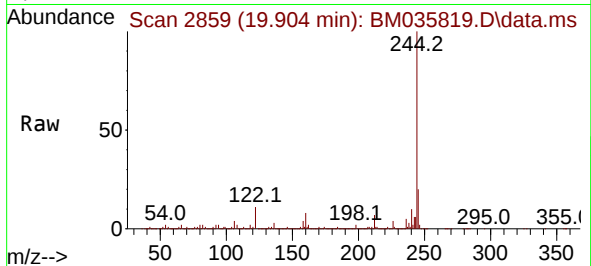




#79
 Terphenyl-d14
 Concen: 56.034 ng
 RT: 19.904 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BM035819.D
 Acq: 14 Jul 2022 19:19

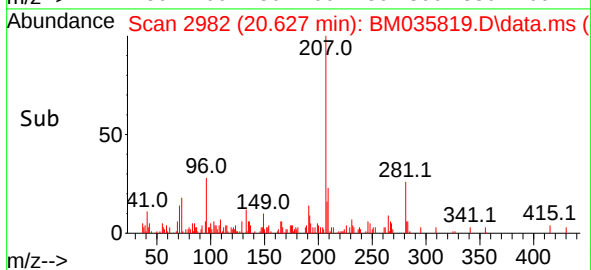
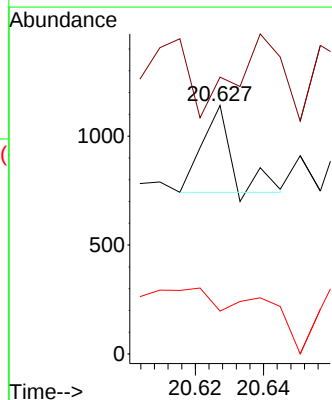
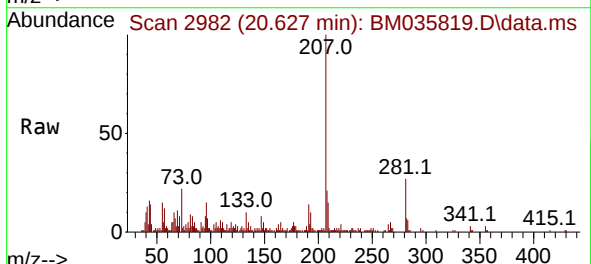
Instrument :
 BNA_M
 ClientSampleId :
 SED-5-(12-18)

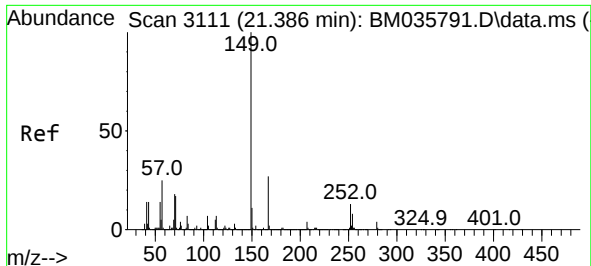
Tgt Ion:244 Resp: 3521863
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.4
 122 10.9 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 4.169 ng
 RT: 20.627 min Scan# 2982
 Delta R.T. 0.024 min
 Lab File: BM035819.D
 Acq: 14 Jul 2022 19:19

Tgt Ion:149 Resp: 243
 Ion Ratio Lower Upper
 149 100
 91 111.4 56.6 85.0#
 206 17.3 15.4 23.0

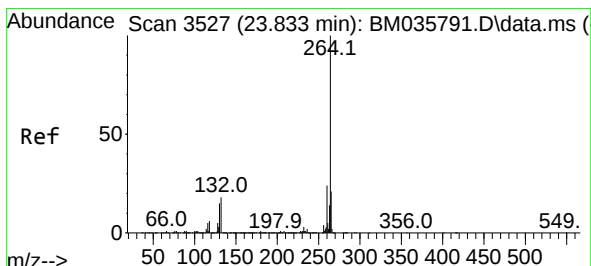
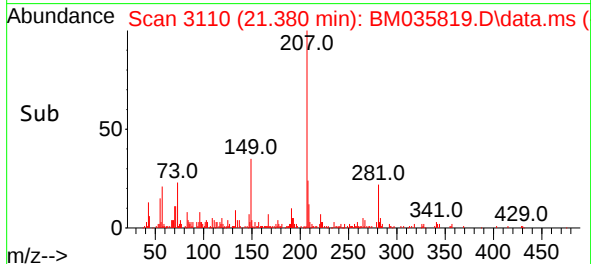
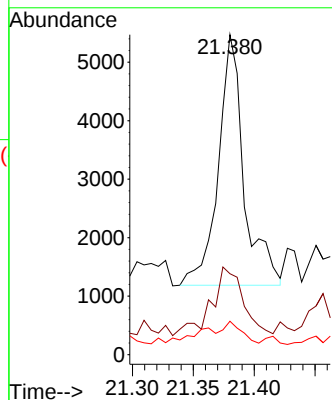
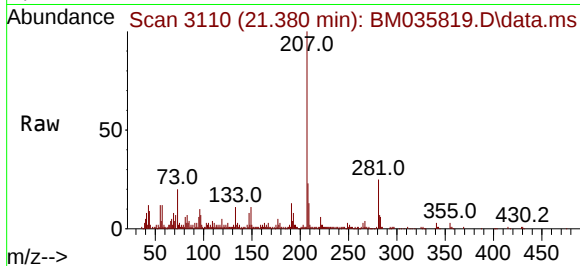




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.378 ng
RT: 21.380 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

Instrument :
BNA_M
ClientSampleId :
SED-5-(12-18)

Tgt Ion:149 Resp: 6299
Ion Ratio Lower Upper
149 100
167 25.3 21.1 31.7
279 10.4 2.8 4.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.833 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BM035819.D
Acq: 14 Jul 2022 19:19

Tgt Ion:264 Resp: 1218077
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 22.3 17.5 26.3

