

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035816.D
 Acq On : 14 Jul 2022 17:28
 Operator : CG/JU
 Sample : N3651-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-2-(18-24)

Quant Time: Jul 15 01:10:38 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)

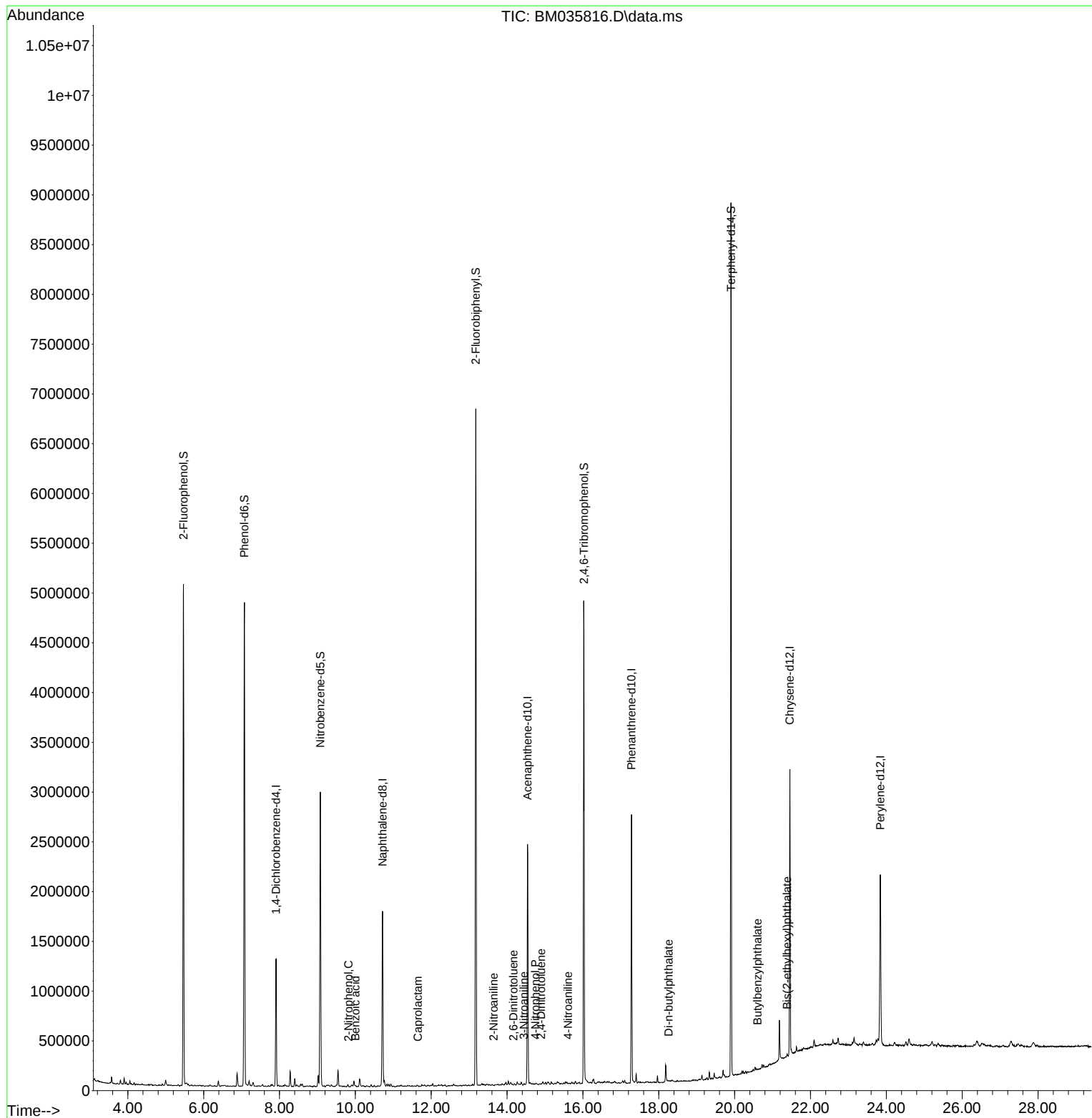
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	350436	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1455793	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	828754	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1538854	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1262886	20.000	ng	0.00
86) Perylene-d12	23.839	264	1242247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2193667	101.677	ng	0.00
7) Phenol-d6	7.075	99	2718145	100.721	ng	0.00
23) Nitrobenzene-d5	9.075	82	1608884	63.179	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	886092	105.286	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	3356100	56.476	ng	0.00
79) Terphenyl-d14	19.904	244	3975668	61.110	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.816	139	64	4.579	ng	# 1
32) Benzoic acid	10.004	122	58	8.040	ng	# 1
35) Caprolactam	11.651	113	124	5.116	ng	# 1
48) 2-Nitroaniline	13.645	65	399	3.625	ng	# 23
51) 2,6-Dinitrotoluene	14.169	165	97	2.303	ng	# 94
53) 3-Nitroaniline	14.445	138	440	2.699	ng	# 80
56) 4-Nitrophenol	14.745	139	401	4.085	ng	# 1
57) 2,4-Dinitrotoluene	14.898	165	493	3.367	ng	# 47
62) 4-Nitroaniline	15.610	138	301	2.820	ng	# 1
74) Di-n-butylphthalate	18.257	149	4829	2.318	ng	# 88
80) Butylbenzylphthalate	20.604	149	487	4.176	ng	# 65
84) Bis(2-ethylhexyl)phtha...	21.386	149	8880	3.430	ng	# 98

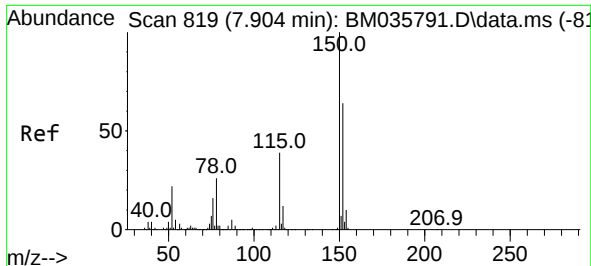
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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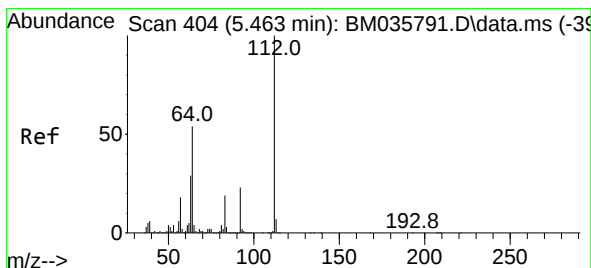
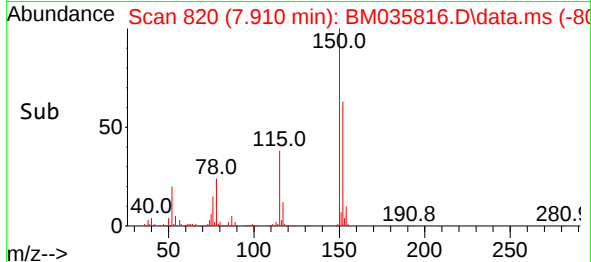
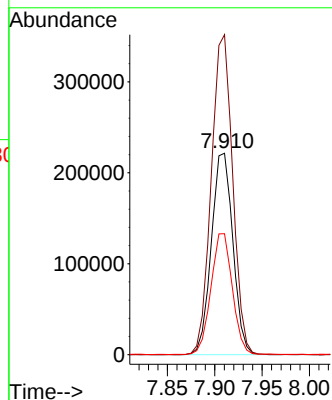
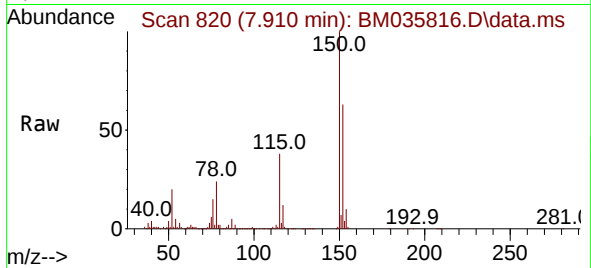




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 819
Delta R.T. 0.006 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

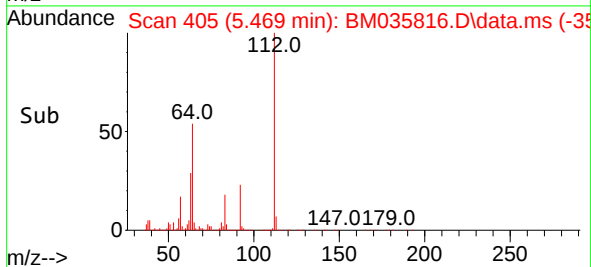
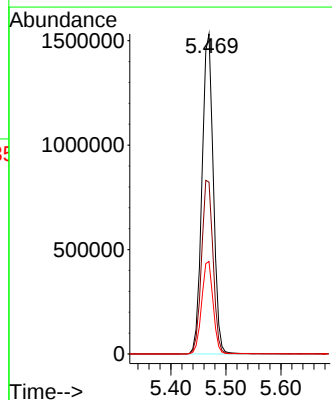
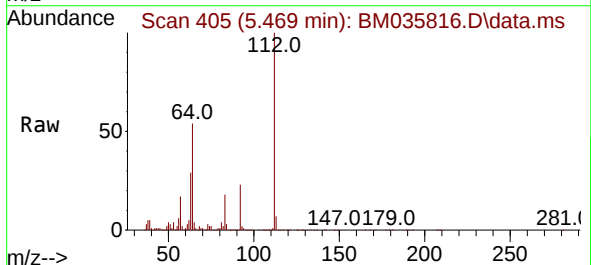
Instrument :
BNA_M
ClientSampleId :
SED-2-(18-24)

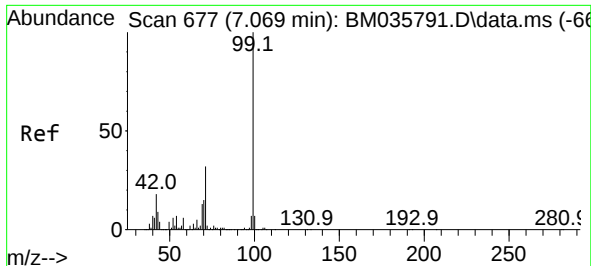
Tgt Ion:152 Resp: 350436
Ion Ratio Lower Upper
152 100
150 158.9 124.9 187.3
115 60.1 47.9 71.9



#5
2-Fluorophenol
Concen: 101.677 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

Tgt Ion:112 Resp: 2193667
Ion Ratio Lower Upper
112 100
64 53.7 47.8 71.6
63 28.9 26.6 40.0

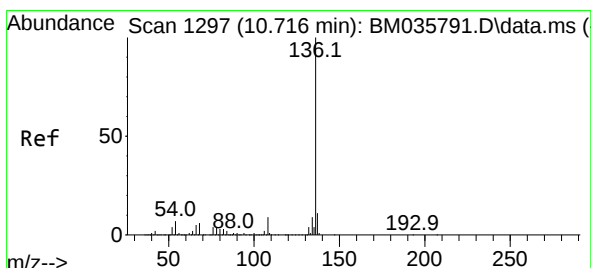
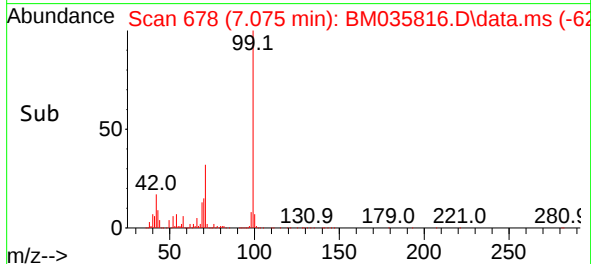
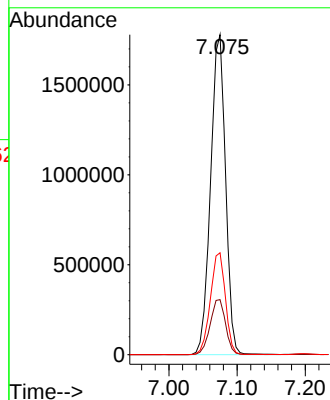
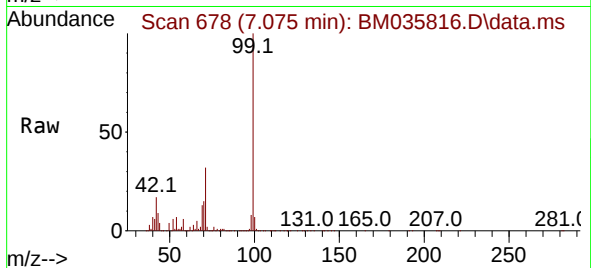




#7
Phenol-d6
Concen: 100.721 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

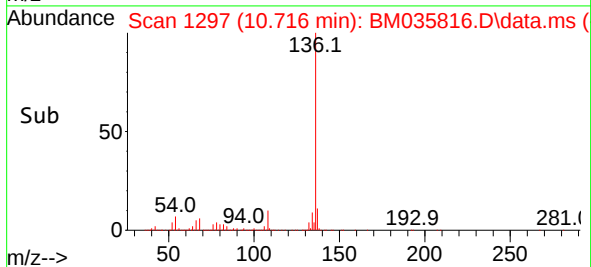
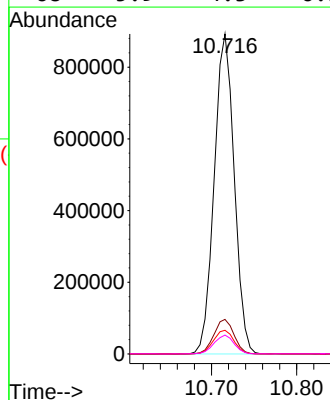
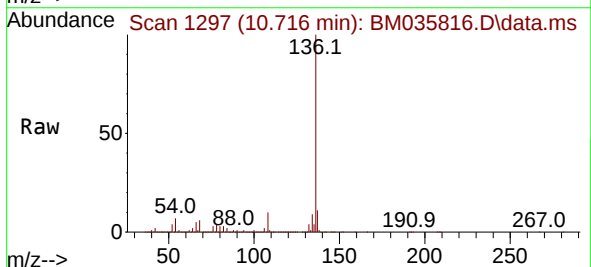
Instrument :
BNA_M
ClientSampleId :
SED-2-(18-24)

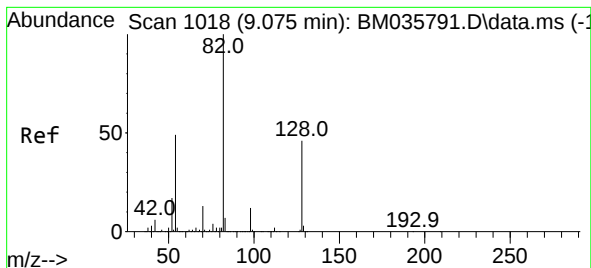
Tgt Ion: 99 Resp: 2718145
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 31.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

Tgt Ion:136 Resp: 1455793
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.4 7.0 10.4
68 5.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 63.179 ng

RT: 9.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BM035816.D

Acq: 14 Jul 2022 17:28

Instrument :

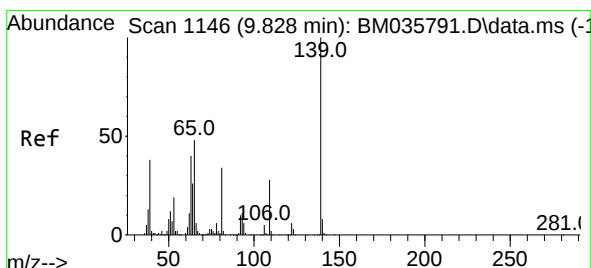
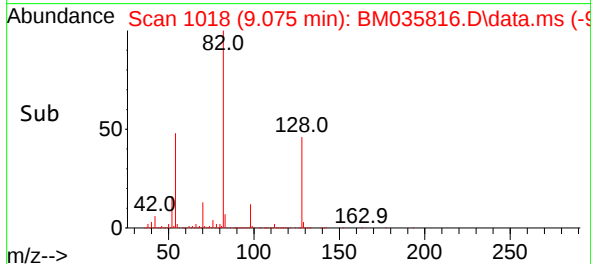
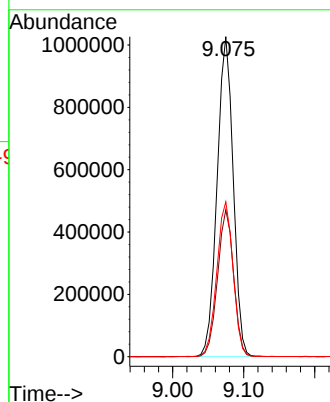
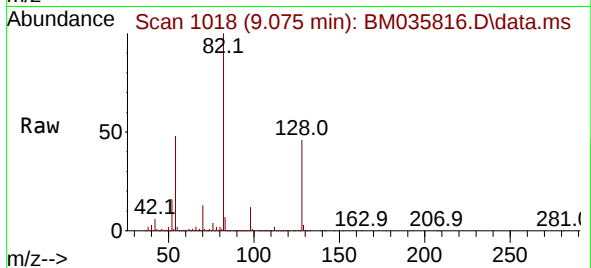
BNA_M

ClientSampleId :

SED-2-(18-24)

Tgt Ion: 82 Resp: 1608884

Ion	Ratio	Lower	Upper
82	100		
128	45.9	33.7	50.5
54	48.4	43.2	64.8



#26

2-Nitrophenol

Concen: 4.579 ng

RT: 9.816 min Scan# 1144

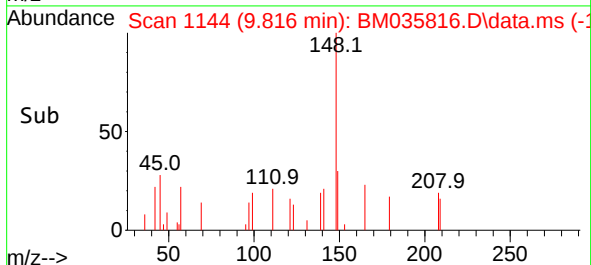
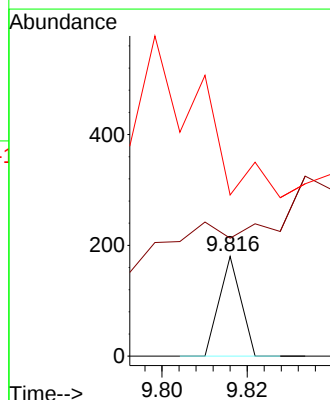
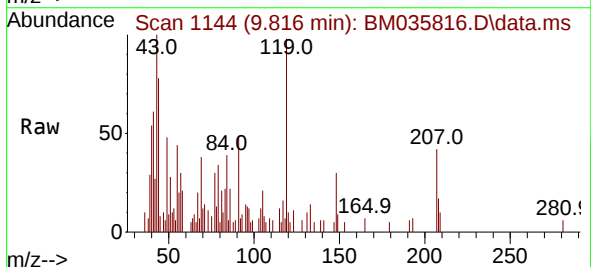
Delta R.T. -0.012 min

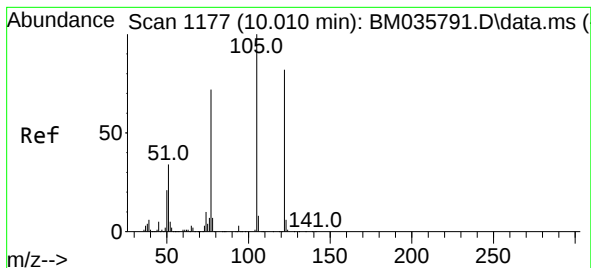
Lab File: BM035816.D

Acq: 14 Jul 2022 17:28

Tgt Ion:139 Resp: 64

Ion	Ratio	Lower	Upper
139	100		
109	118.3	25.6	38.4#
65	161.7	43.2	64.8#





#32

Benzoic acid

Concen: 8.040 ng

RT: 10.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BM035816.D

Acq: 14 Jul 2022 17:28

Instrument :

BNA_M

ClientSampleId :

SED-2-(18-24)

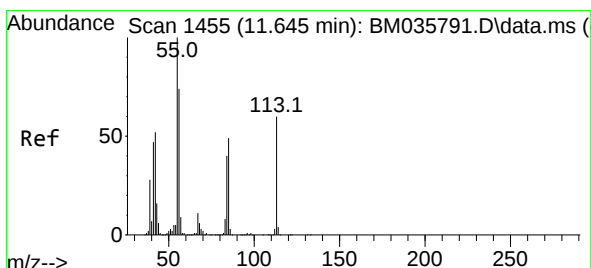
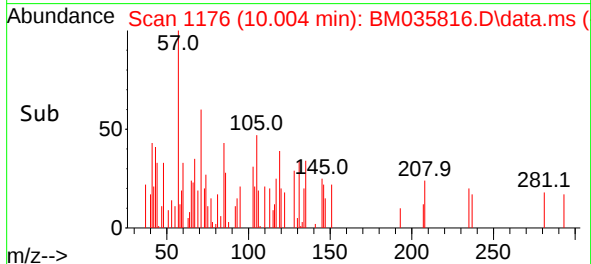
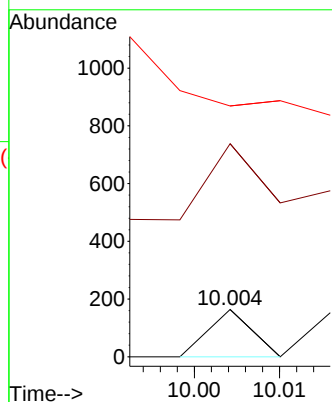
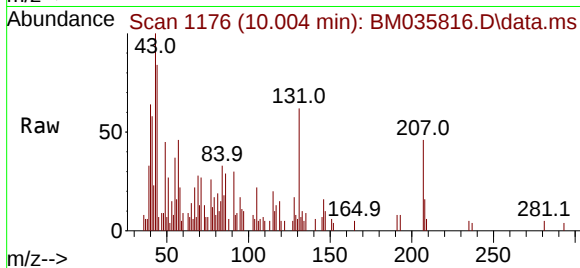
Tgt Ion:122 Resp: 58

Ion Ratio Lower Upper

122 100

105 450.0 105.7 145.7#

77 529.9 80.0 120.0#



#35

Caprolactam

Concen: 5.116 ng

RT: 11.651 min Scan# 1456

Delta R.T. 0.006 min

Lab File: BM035816.D

Acq: 14 Jul 2022 17:28

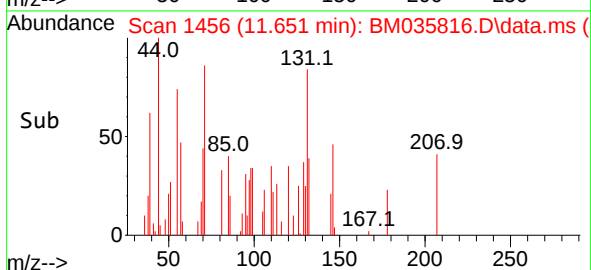
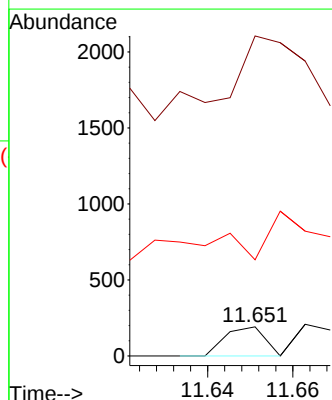
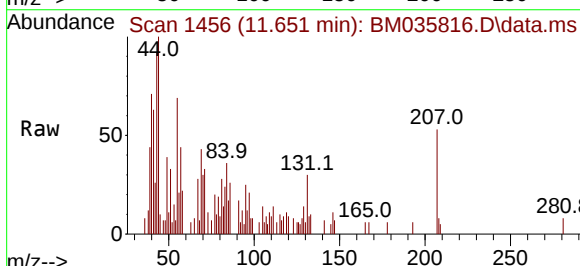
Tgt Ion:113 Resp: 124

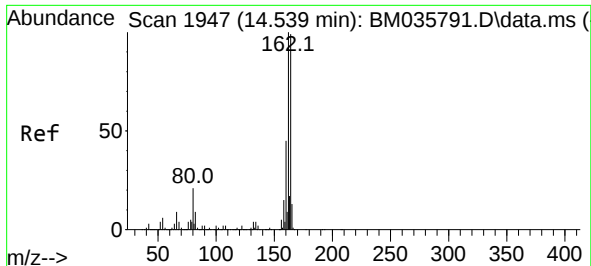
Ion Ratio Lower Upper

113 100

55 1096.4 150.1 190.1#

56 329.7 111.7 151.7#

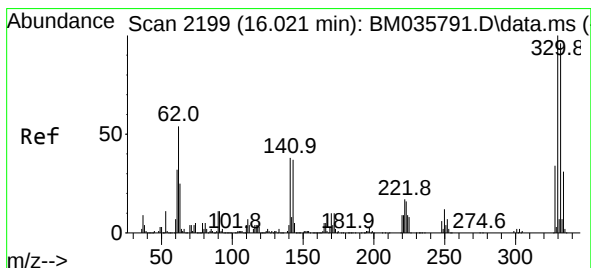
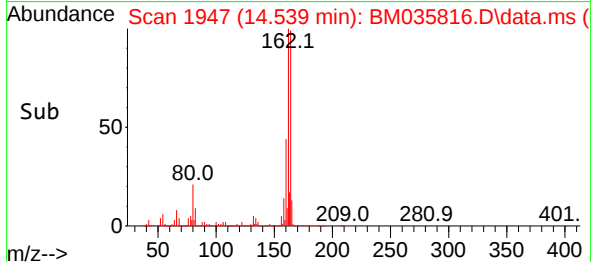
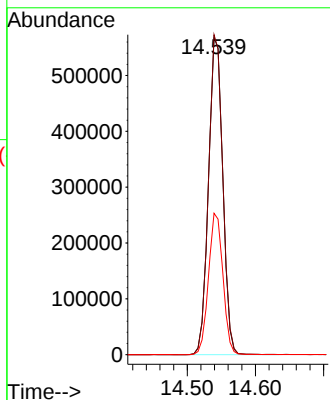
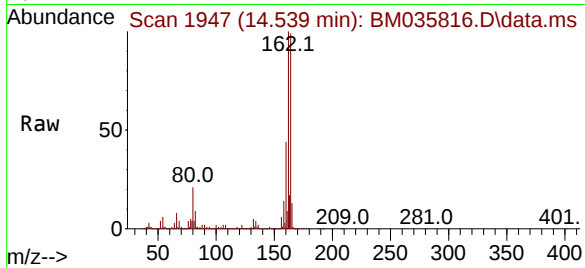




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

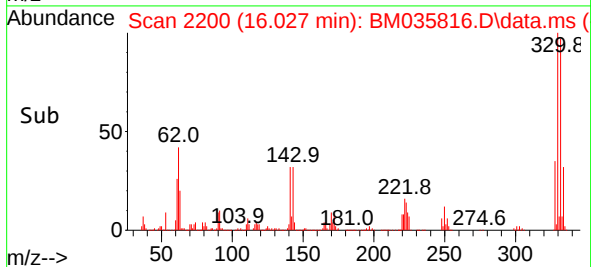
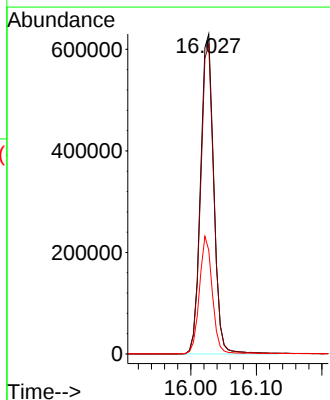
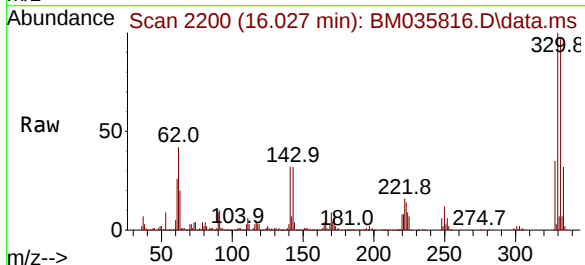
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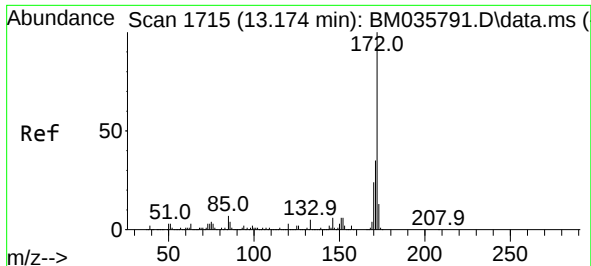
Tgt Ion:164 Resp: 828754
Ion Ratio Lower Upper
164 100
162 100.9 83.0 124.6
160 44.6 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 105.286 ng
RT: 16.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

Tgt Ion:330 Resp: 886092
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 35.5 35.3 52.9

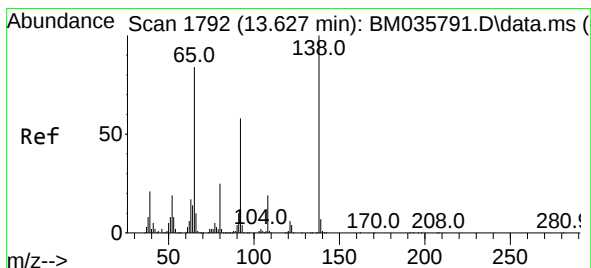
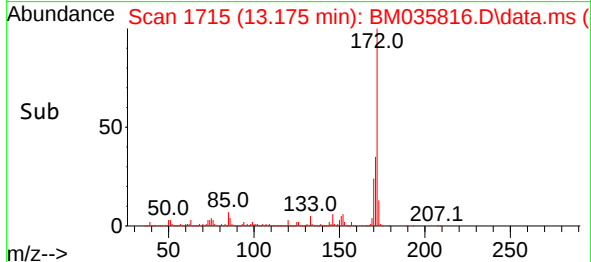
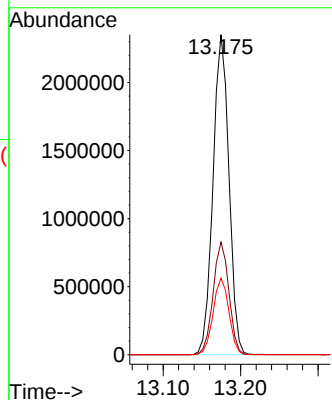
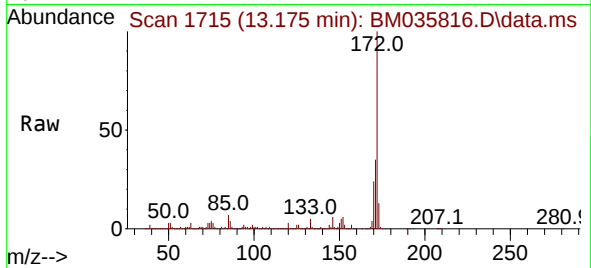




#45
2-Fluorobiphenyl
Concen: 56.476 ng
RT: 13.175 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

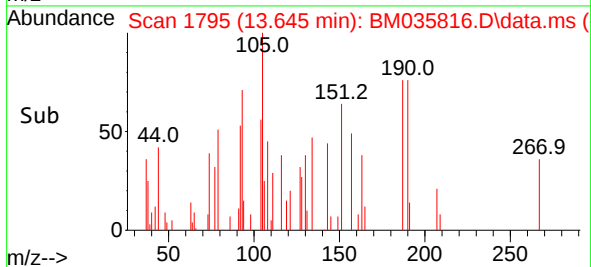
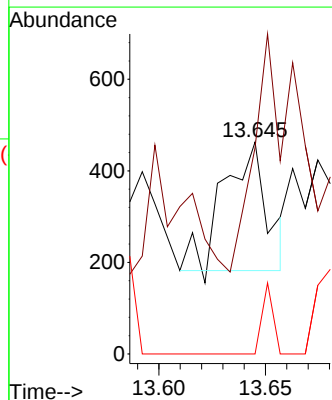
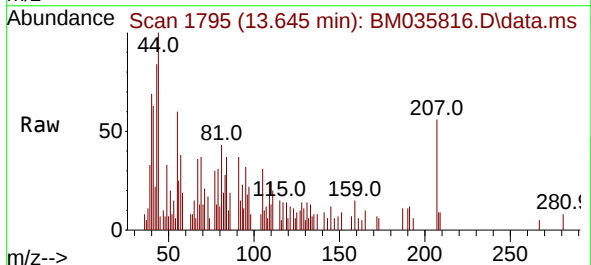
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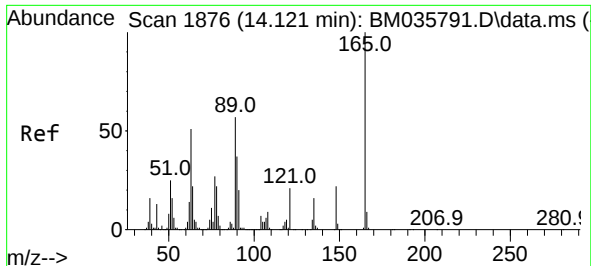
Tgt Ion:172 Resp: 3356100
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.9 18.7 28.1



#48
2-Nitroaniline
Concen: 3.625 ng
RT: 13.645 min Scan# 1795
Delta R.T. 0.018 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

Tgt Ion: 65 Resp: 399
Ion Ratio Lower Upper
65 100
92 97.4 53.7 80.5#
138 0.0 83.9 125.9#

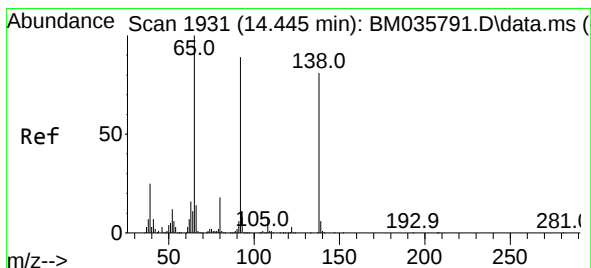
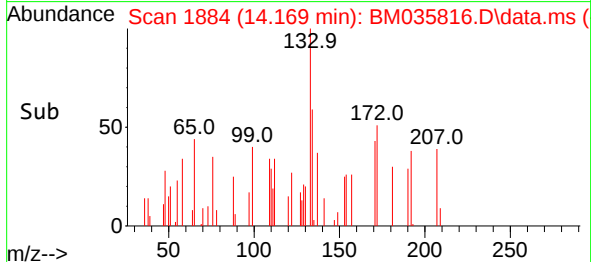
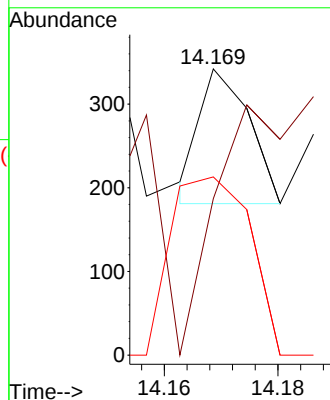
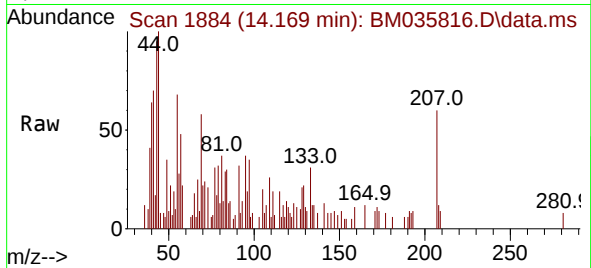




#51
2,6-Dinitrotoluene
Concen: 2.303 ng
RT: 14.169 min Scan# 1876
Delta R.T. 0.048 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

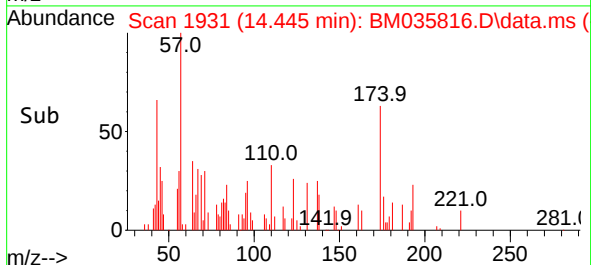
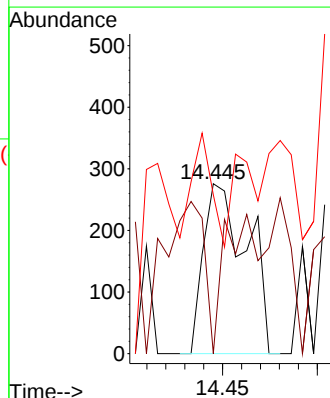
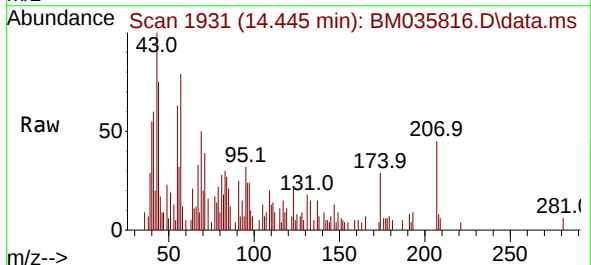
Instrument :
BNA_M
ClientSampleId :
SED-2-(18-24)

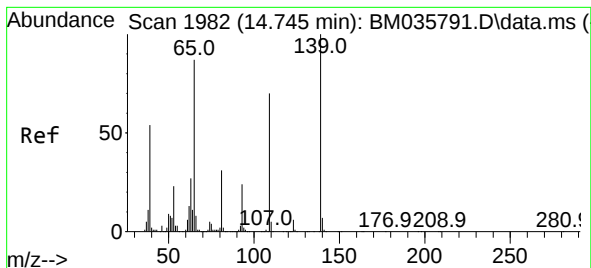
Tgt Ion:165 Resp: 97
Ion Ratio Lower Upper
165 100
63 54.7 50.2 75.2
89 62.3 48.4 72.6



#53
3-Nitroaniline
Concen: 2.699 ng
RT: 14.445 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

Tgt Ion:138 Resp: 440
Ion Ratio Lower Upper
138 100
108 0.0 8.7 13.1#
92 93.5 91.5 137.3

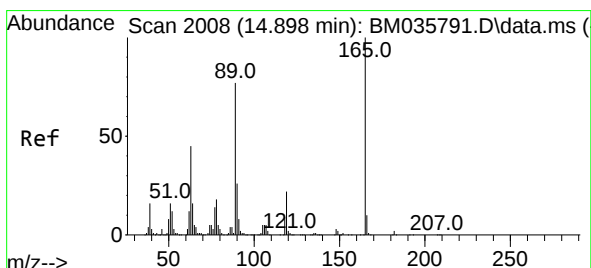
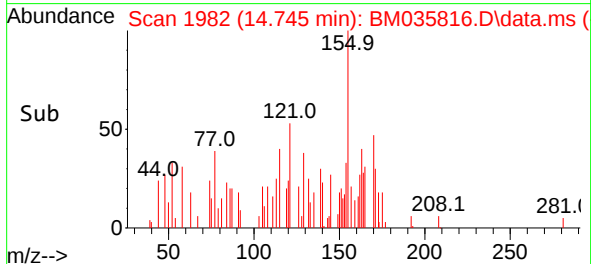
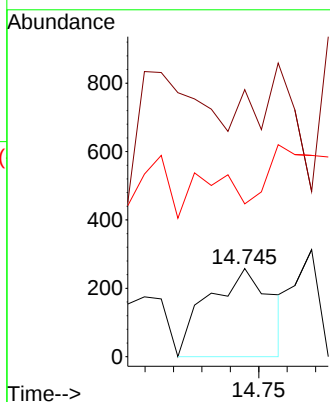
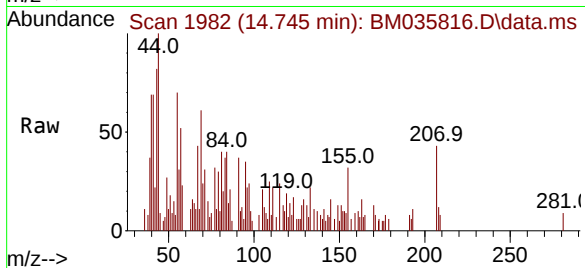




#56
4-Nitrophenol
Concen: 4.085 ng
RT: 14.745 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

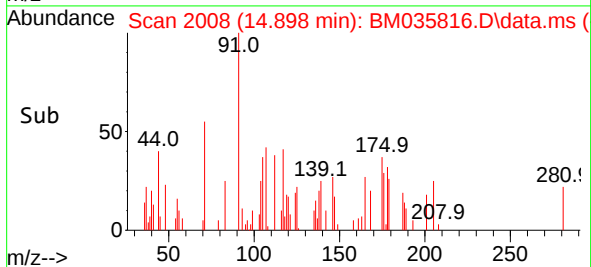
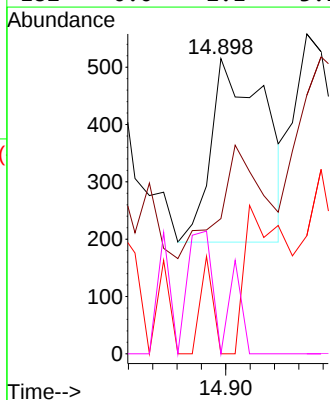
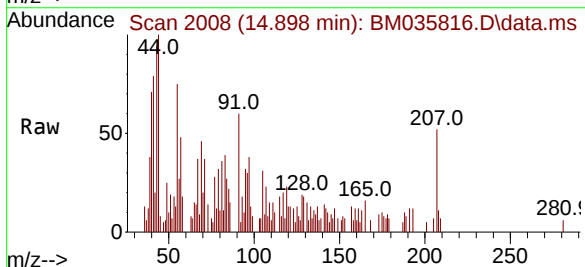
Instrument :
BNA_M
ClientSampleId :
SED-2-(18-24)

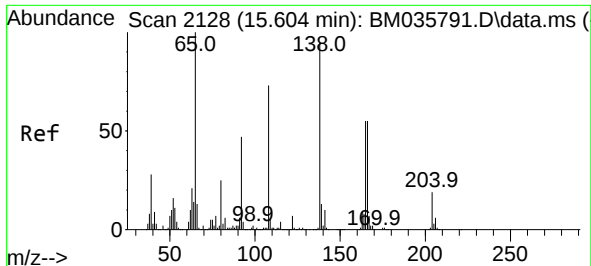
Tgt Ion:139 Resp: 401
Ion Ratio Lower Upper
139 100
109 302.7 62.5 102.5#
65 173.3 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 3.367 ng
RT: 14.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

Tgt Ion:165 Resp: 493
Ion Ratio Lower Upper
165 100
63 45.8 35.6 53.4
89 0.0 57.3 85.9#
182 0.0 2.1 3.1#

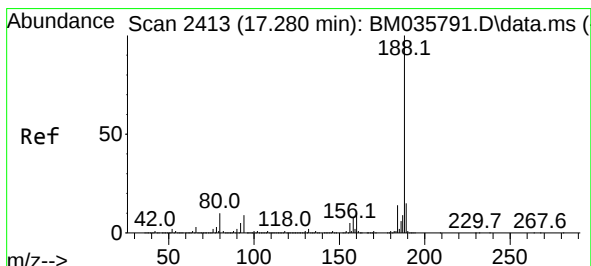
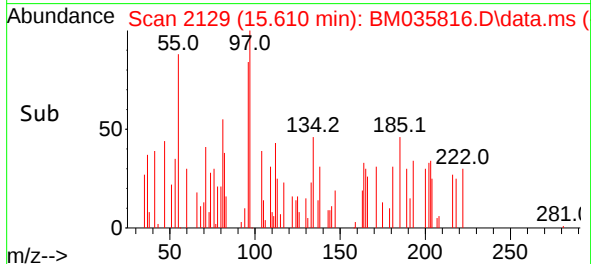
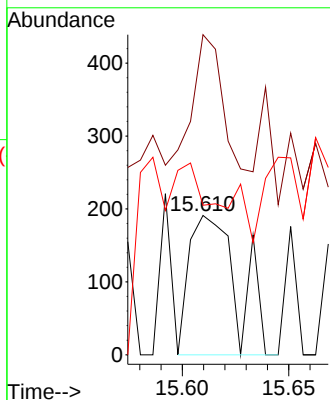
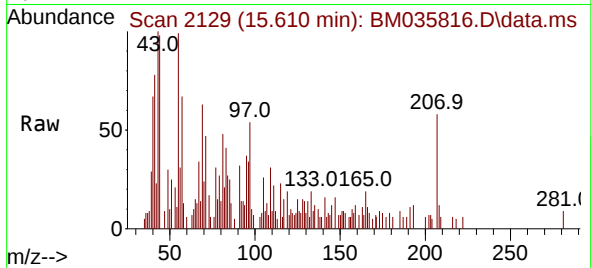




#62
4-Nitroaniline
Concen: 2.820 ng
RT: 15.610 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

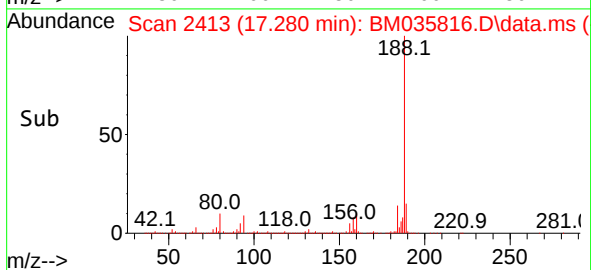
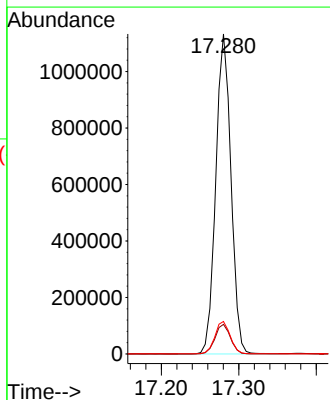
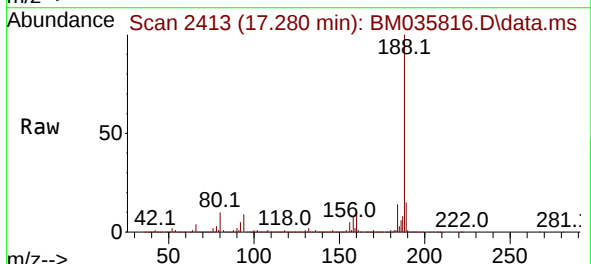
Instrument :
BNA_M
ClientSampleId :
SED-2-(18-24)

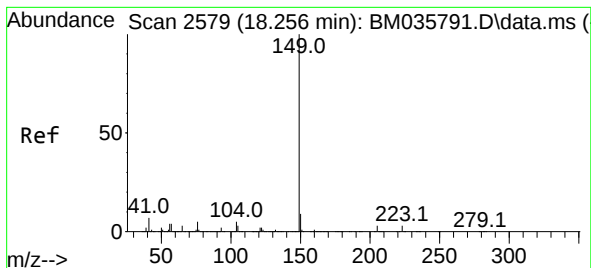
Tgt Ion:138 Resp: 301
Ion Ratio Lower Upper
138 100
92 229.8 30.8 70.8#
108 107.3 65.7 105.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

Tgt Ion:188 Resp: 1538854
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: 2.318 ng

RT: 18.257 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM035816.D

Acq: 14 Jul 2022 17:28

Instrument :

BNA_M

ClientSampleId :

SED-2-(18-24)

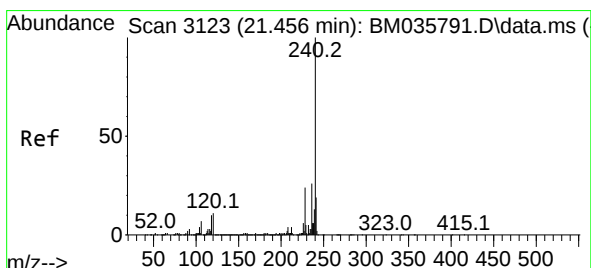
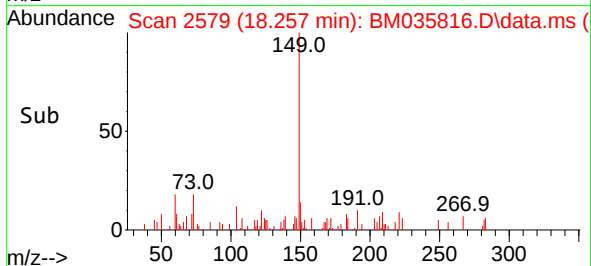
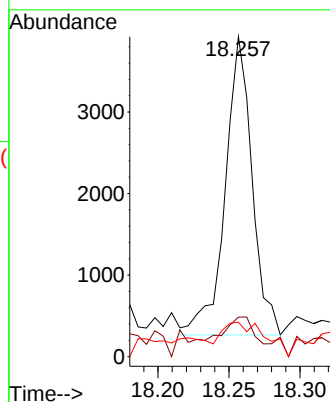
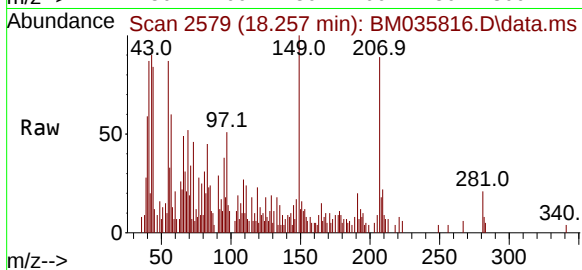
Tgt Ion:149 Resp: 4829

Ion Ratio Lower Upper

149 100

150 12.3 7.3 10.9#

104 10.8 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: BM035816.D

Acq: 14 Jul 2022 17:28

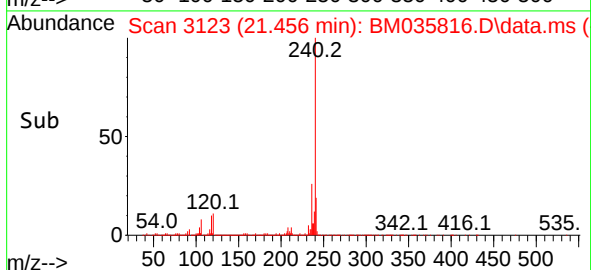
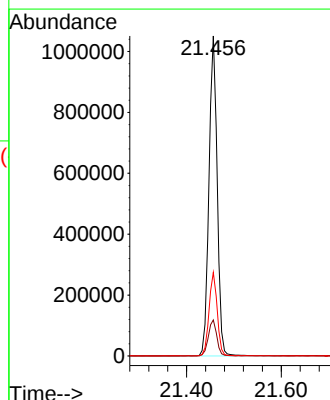
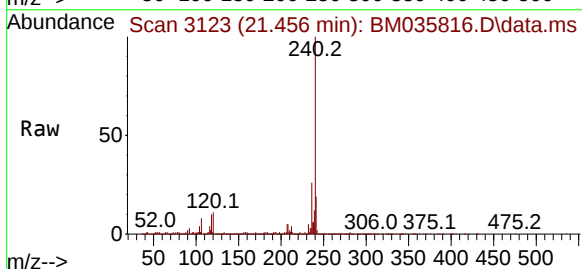
Tgt Ion:240 Resp: 1262886

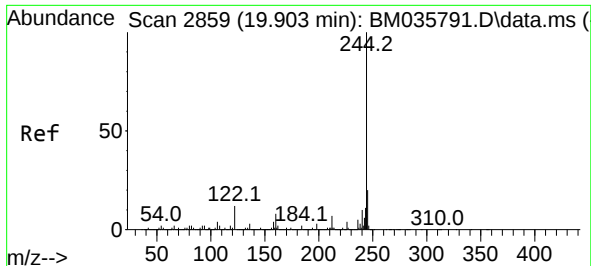
Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.0

236 26.1 20.6 30.8

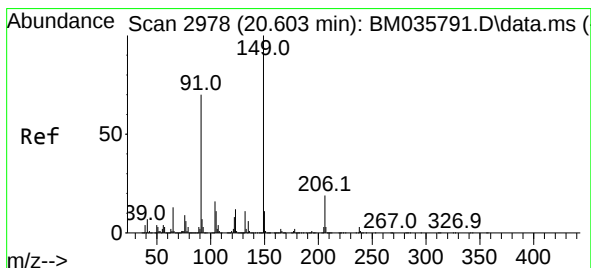
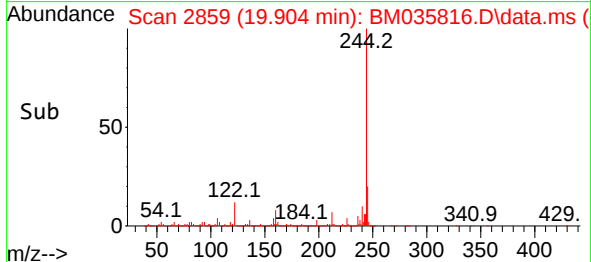
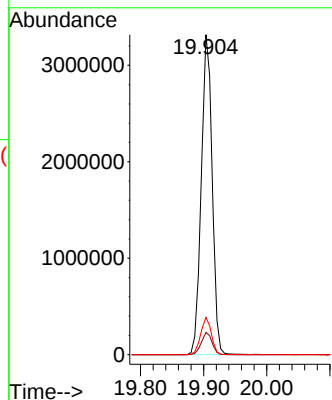
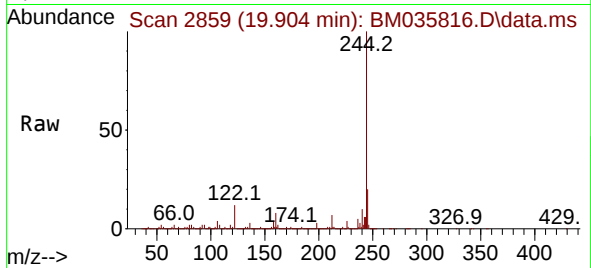




#79
 Terphenyl-d14
 Concen: 61.110 ng
 RT: 19.904 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BM035816.D
 Acq: 14 Jul 2022 17:28

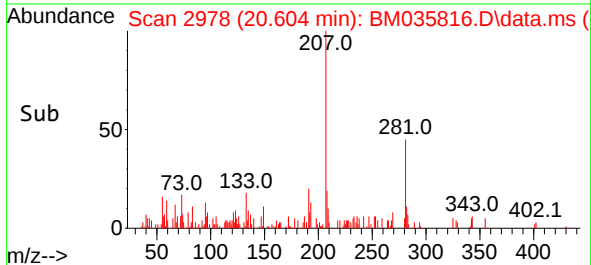
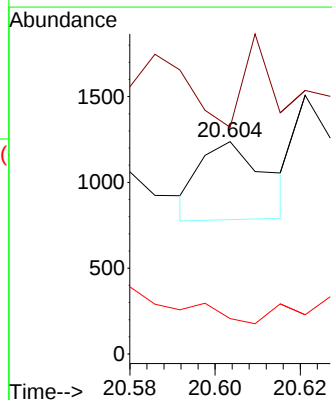
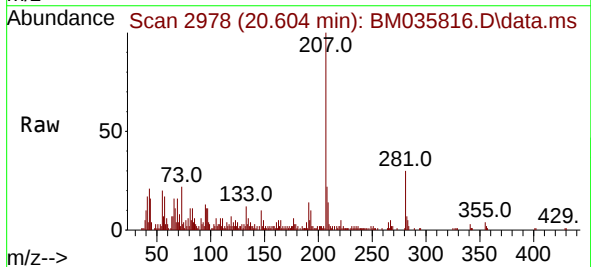
Instrument :
 BNA_M
 ClientSampleId :
 SED-2-(18-24)

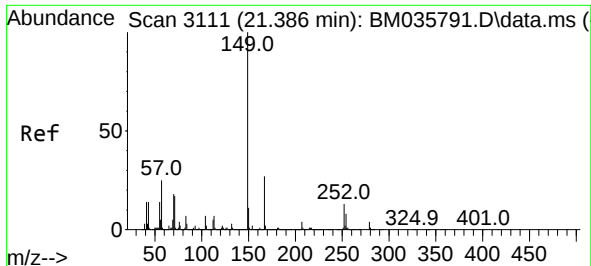
Tgt Ion:244 Resp: 3975668
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 11.7 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 4.176 ng
 RT: 20.604 min Scan# 2978
 Delta R.T. 0.000 min
 Lab File: BM035816.D
 Acq: 14 Jul 2022 17:28

Tgt Ion:149 Resp: 487
 Ion Ratio Lower Upper
 149 100
 91 106.8 56.6 85.0#
 206 16.7 15.4 23.0

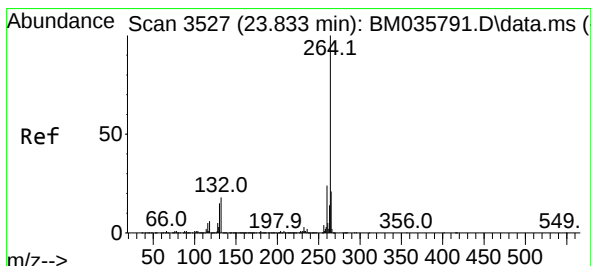
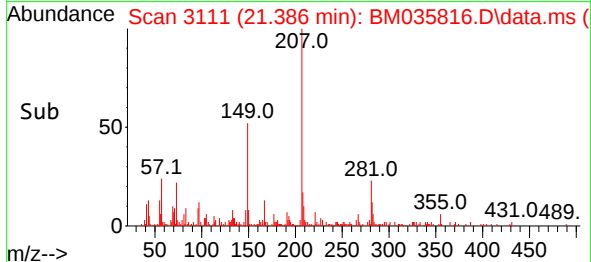
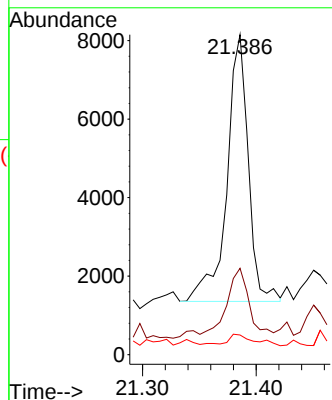
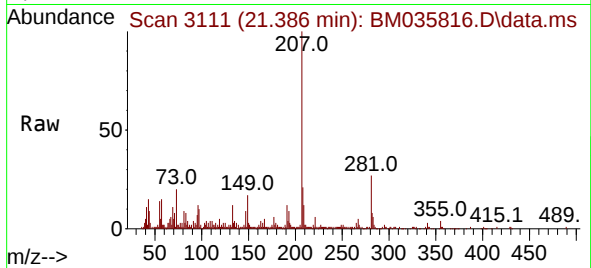




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.430 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

Instrument :
BNA_M
ClientSampleId :
SED-2-(18-24)

Tgt Ion:149 Resp: 8880
Ion Ratio Lower Upper
149 100
167 27.0 21.1 31.7
279 6.2 2.8 4.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3528
Delta R.T. 0.006 min
Lab File: BM035816.D
Acq: 14 Jul 2022 17:28

Tgt Ion:264 Resp: 1242247
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 21.8 17.5 26.3

