

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035848.D
 Acq On : 16 Jul 2022 02:04
 Operator : CG/JU
 Sample : N3652-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-4-(6-12)

Quant Time: Jul 16 03:02:54 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)

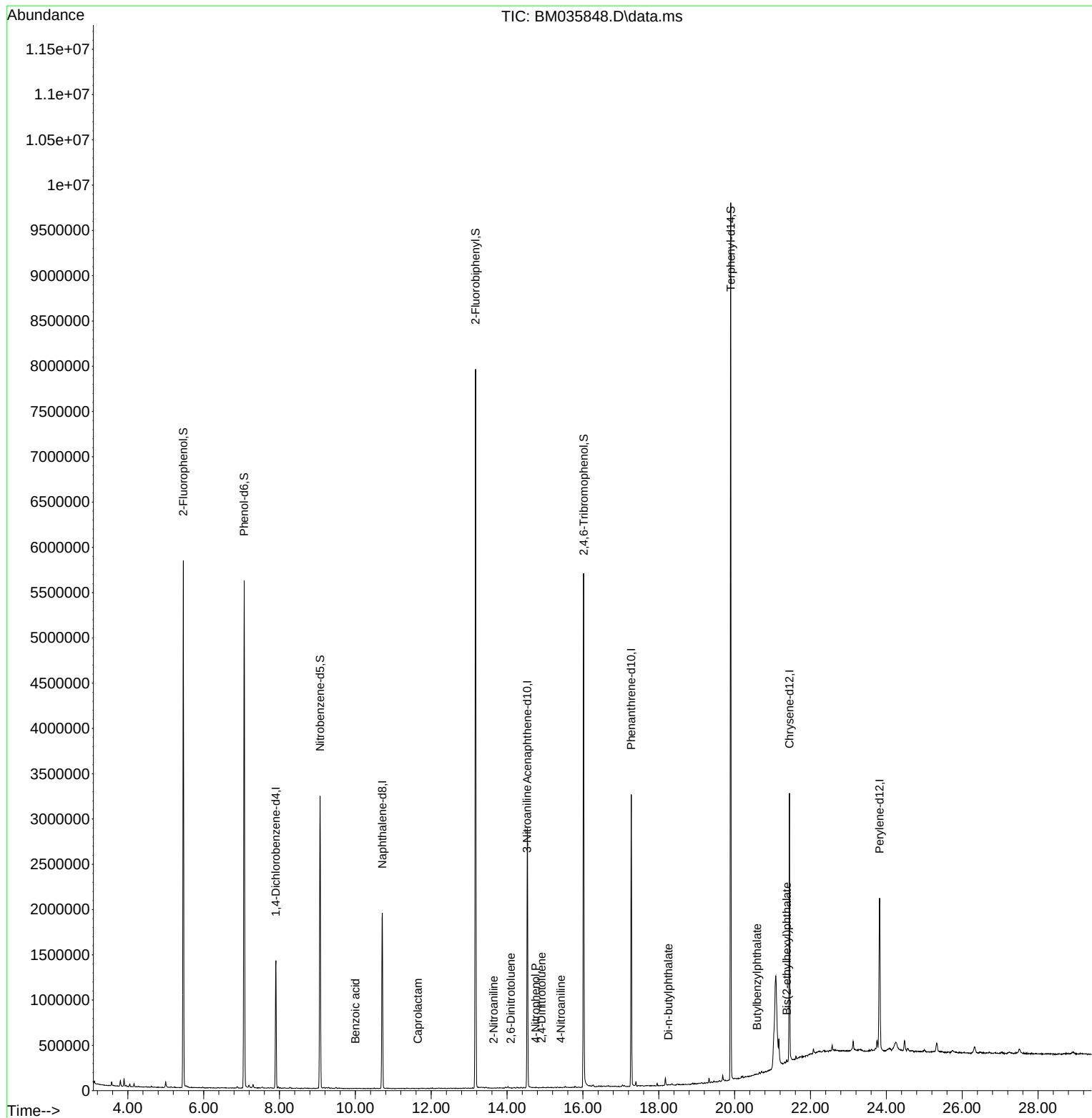
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	375421	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1629449	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	970443	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1833092	20.000	ng	0.00
76) Chrysene-d12	21.444	240	1316280	20.000	ng	-0.01
86) Perylene-d12	23.821	264	1242542	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2402271	103.936	ng	0.00
7) Phenol-d6	7.069	99	3081995	106.603	ng	0.00
23) Nitrobenzene-d5	9.069	82	1787869	62.725	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1039703	105.501	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	3905405	56.124	ng	0.00
79) Terphenyl-d14	19.898	244	4435655	65.415	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.004	122	54	8.039	ng	# 1
35) Caprolactam	11.645	113	83	5.108	ng	# 1
48) 2-Nitroaniline	13.645	65	599	3.634	ng	# 28
51) 2,6-Dinitrotoluene	14.098	165	398	2.323	ng	# 20
53) 3-Nitroaniline	14.527	138	86	2.674	ng	# 1
56) 4-Nitrophenol	14.757	139	61	4.055	ng	# 1
57) 2,4-Dinitrotoluene	14.910	165	490	3.362	ng	# 36
62) 4-Nitroaniline	15.415	138	59	2.803	ng	# 1
74) Di-n-butylphthalate	18.251	149	4275	2.304	ng	# 86
80) Butylbenzylphthalate	20.592	149	456	4.175	ng	# 58
84) Bis(2-ethylhexyl)phtha...	21.374	149	10833	3.463	ng	# 94

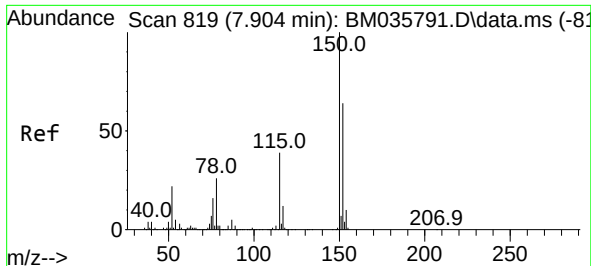
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
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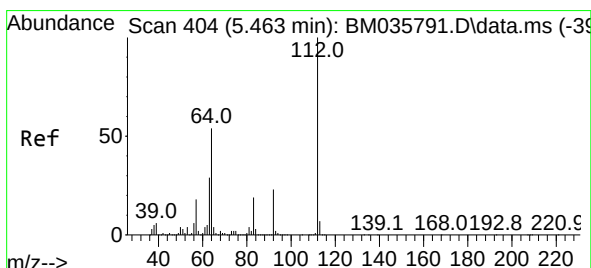
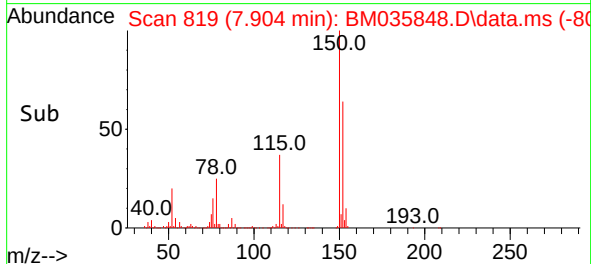
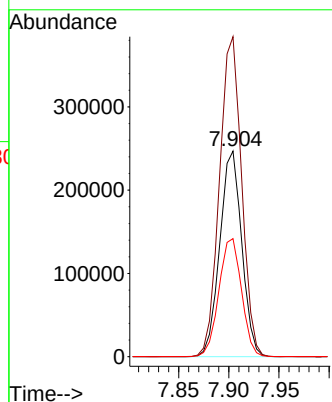
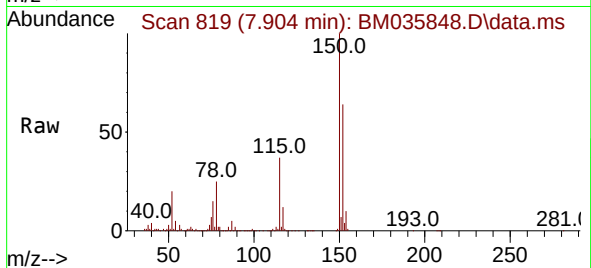




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035848.D
 Acq: 16 Jul 2022 02:04

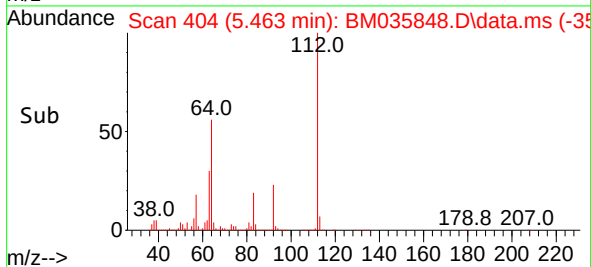
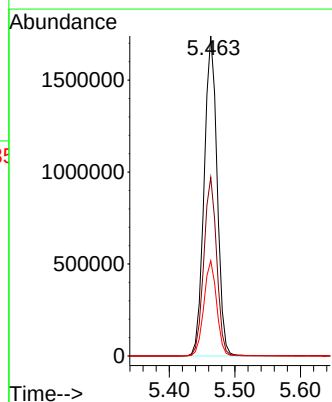
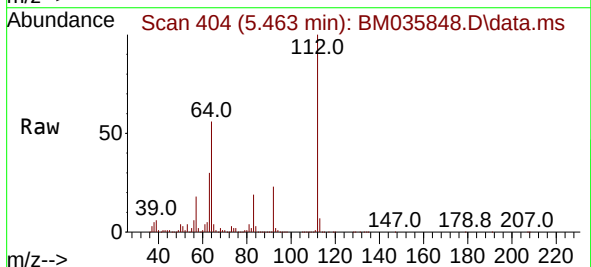
Instrument :
 BNA_M
 ClientSampleId :
 SED-4-(6-12)

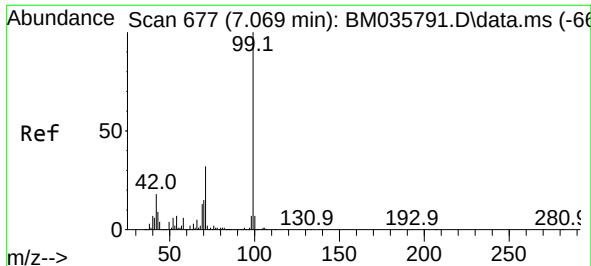
Tgt Ion:152 Resp: 375421
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.9 187.3
 115 57.4 47.9 71.9



#5
 2-Fluorophenol
 Concen: 103.936 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035848.D
 Acq: 16 Jul 2022 02:04

Tgt Ion:112 Resp: 2402271
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.8 71.6
 63 29.8 26.6 40.0

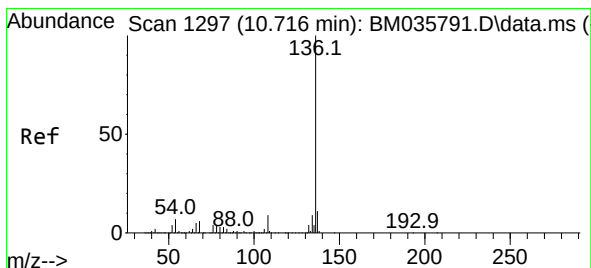
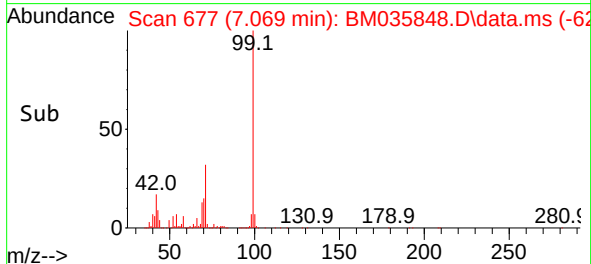
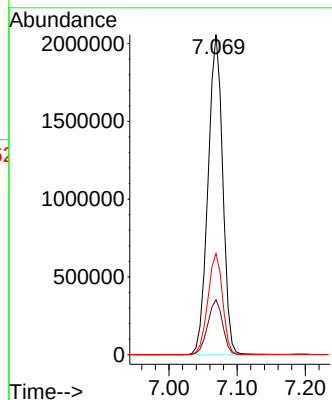
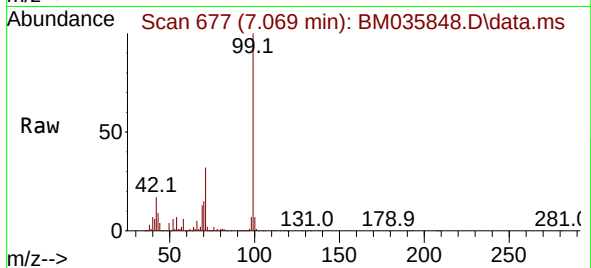




#7
Phenol-d6
Concen: 106.603 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

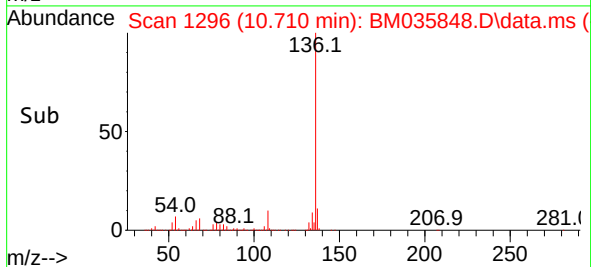
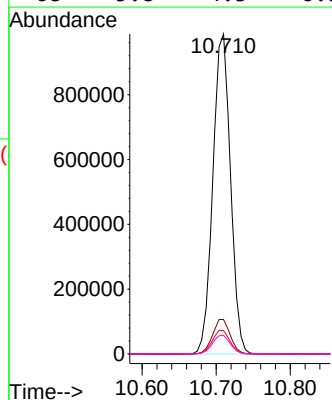
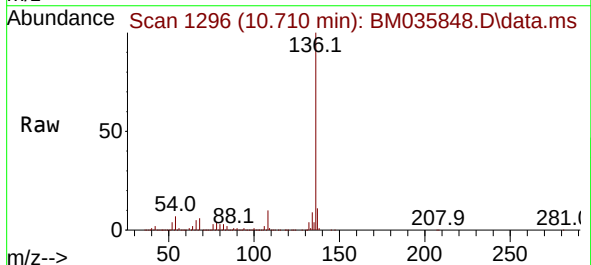
Instrument :
BNA_M
ClientSampleId :
SED-4-(6-12)

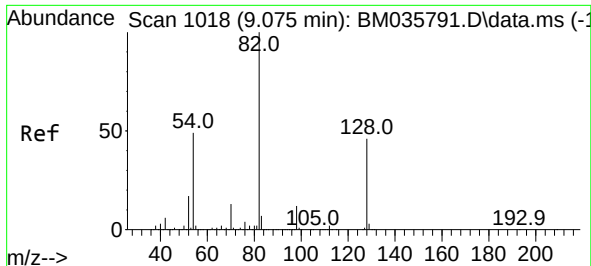
Tgt Ion: 99 Resp: 3081995
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 31.6 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

Tgt Ion:136 Resp: 1629449
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 7.0 10.4
68 5.8 4.3 6.5

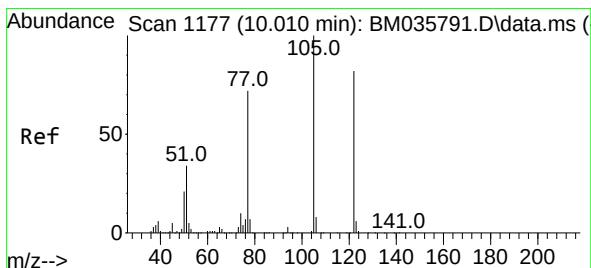
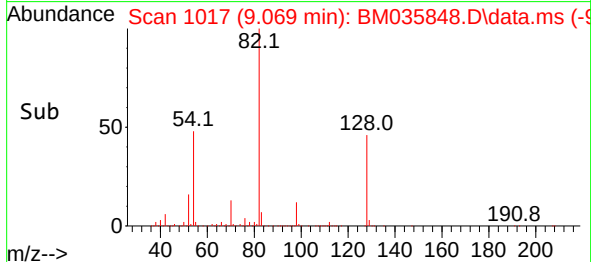
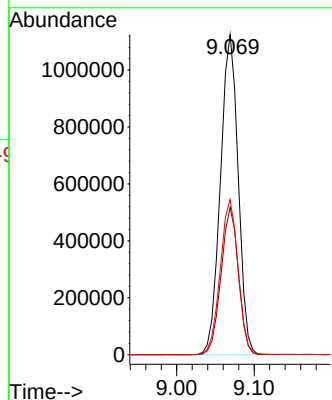
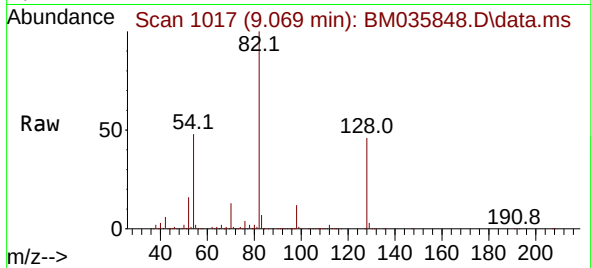




#23
Nitrobenzene-d5
Concen: 62.725 ng
RT: 9.069 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

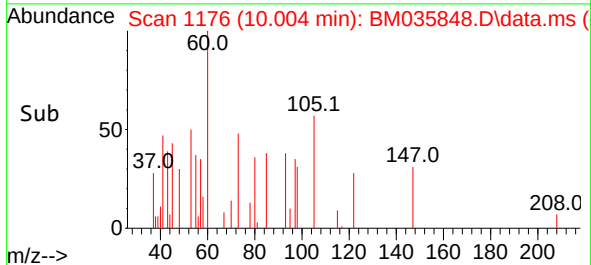
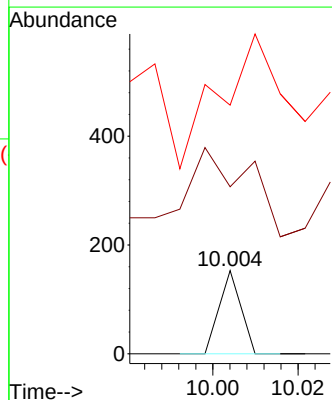
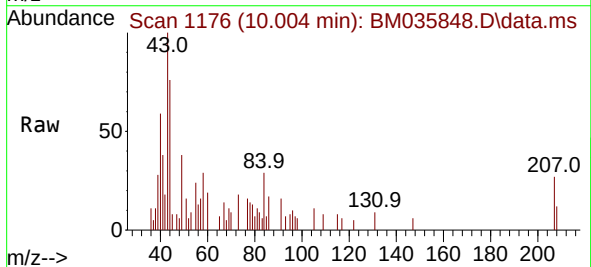
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BNA_M
ClientSampleId :
SED-4-(6-12)

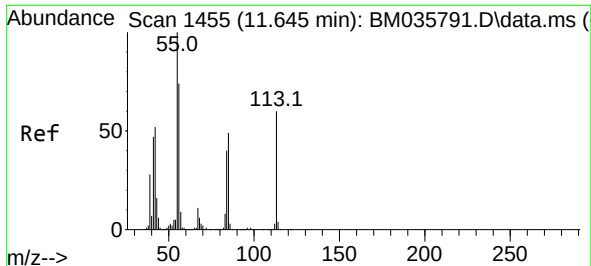
Tgt Ion: 82 Resp: 1787869
Ion Ratio Lower Upper
82 100
128 46.0 33.7 50.5
54 48.4 43.2 64.8



#32
Benzoic acid
Concen: 8.039 ng
RT: 10.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 200.7 105.7 145.7#
77 298.7 80.0 120.0#

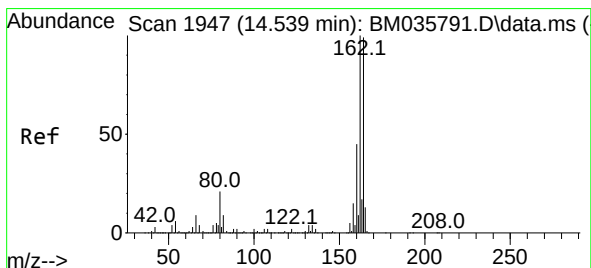
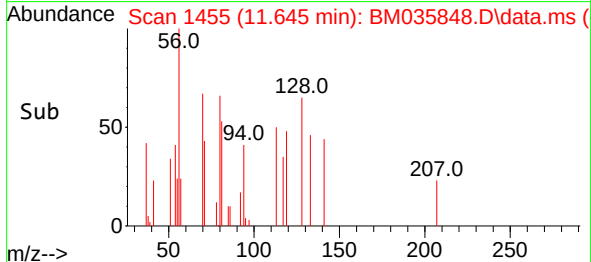
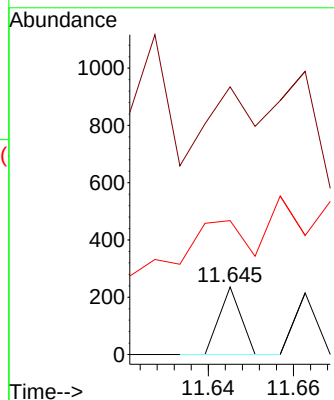
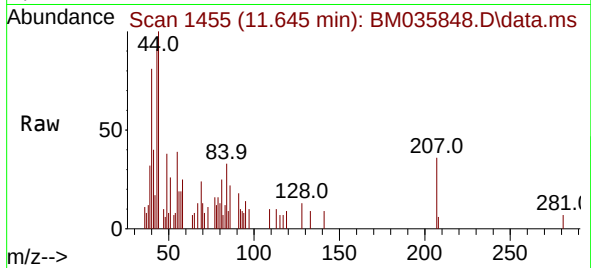




#35
 Caprolactam
 Concen: 5.108 ng
 RT: 11.645 min Scan# 1455
 Delta R.T. 0.000 min
 Lab File: BM035848.D
 Acq: 16 Jul 2022 02:04

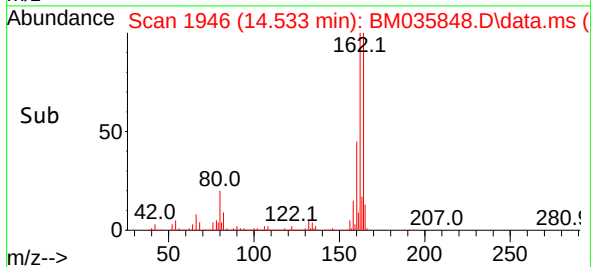
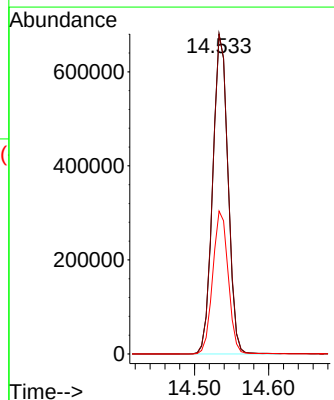
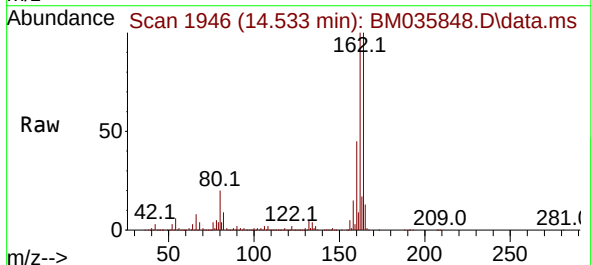
Instrument :
 BNA_M
 ClientSampleId :
 SED-4-(6-12)

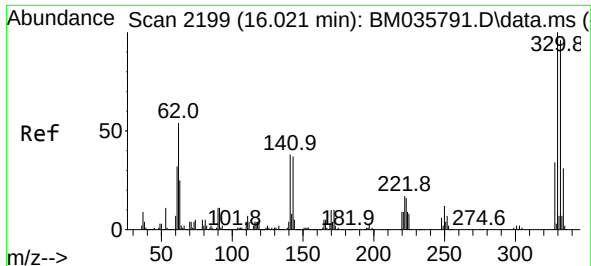
Tgt Ion:113 Resp: 83
 Ion Ratio Lower Upper
 113 100
 55 396.2 150.1 190.1#
 56 198.3 111.7 151.7#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.533 min Scan# 1946
 Delta R.T. -0.006 min
 Lab File: BM035848.D
 Acq: 16 Jul 2022 02:04

Tgt Ion:164 Resp: 970443
 Ion Ratio Lower Upper
 164 100
 162 99.8 83.0 124.6
 160 44.6 37.0 55.4

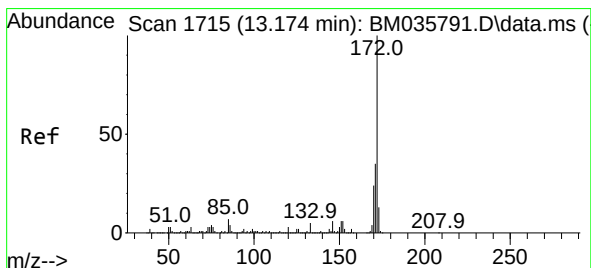
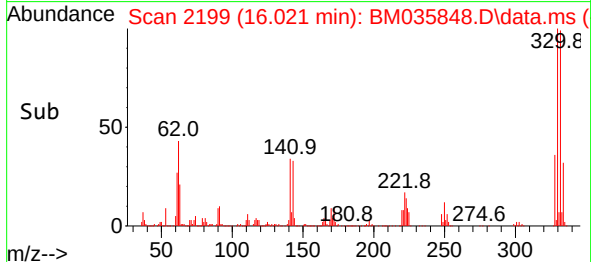
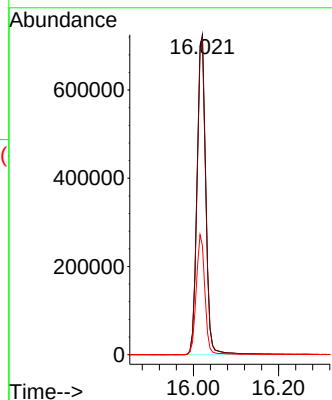
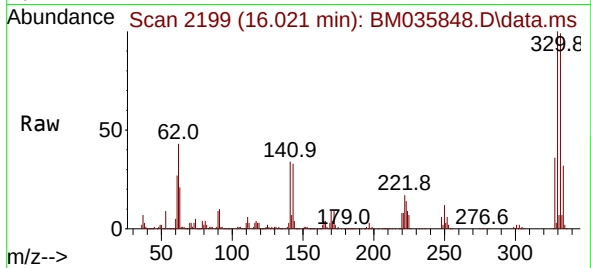




#42
2,4,6-Tribromophenol
Concen: 105.501 ng
RT: 16.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

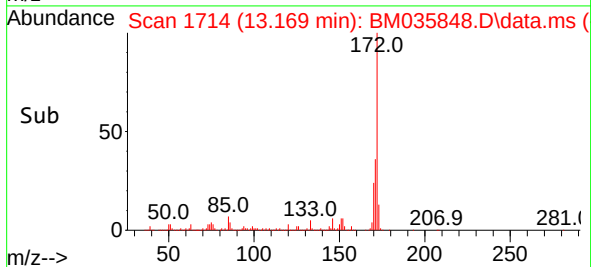
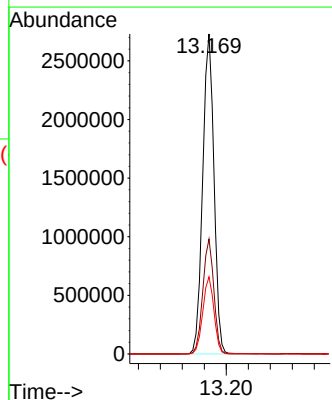
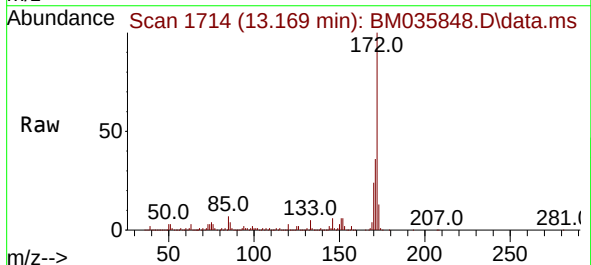
Instrument :
BNA_M
ClientSampleId :
SED-4-(6-12)

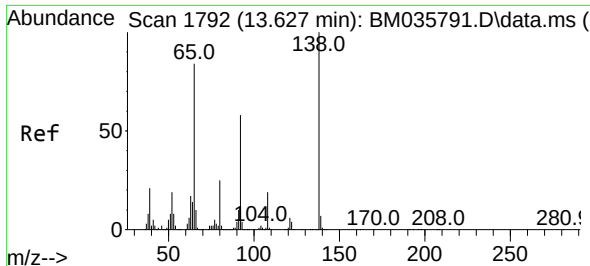
Tgt Ion:330 Resp: 1039703
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 36.7 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 56.124 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

Tgt Ion:172 Resp: 3905405
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.1 18.7 28.1





#48

2-Nitroaniline

Concen: 3.634 ng

RT: 13.645 min Scan# 1

Delta R.T. 0.018 min

Lab File: BM035848.D

Acq: 16 Jul 2022 02:04

Instrument :

BNA_M

ClientSampleId :

SED-4-(6-12)

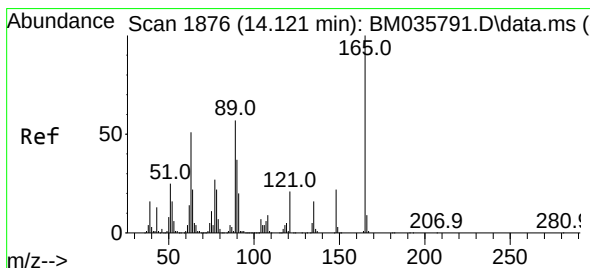
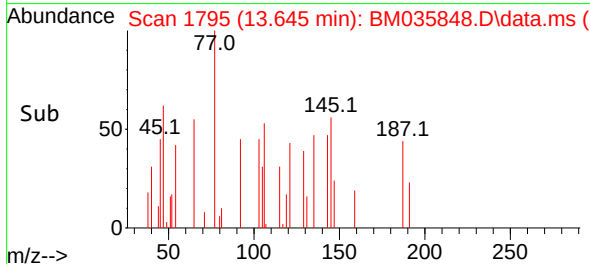
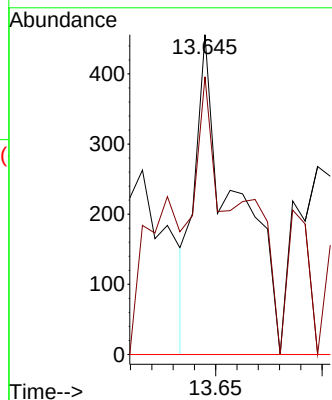
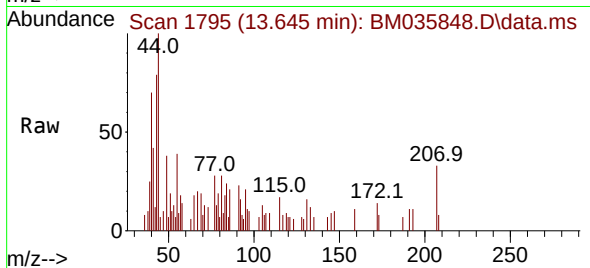
Tgt Ion: 65 Resp: 599

Ion Ratio Lower Upper

65 100

92 86.8 53.7 80.5#

138 0.0 83.9 125.9#



#51

2,6-Dinitrotoluene

Concen: 2.323 ng

RT: 14.098 min Scan# 1872

Delta R.T. -0.023 min

Lab File: BM035848.D

Acq: 16 Jul 2022 02:04

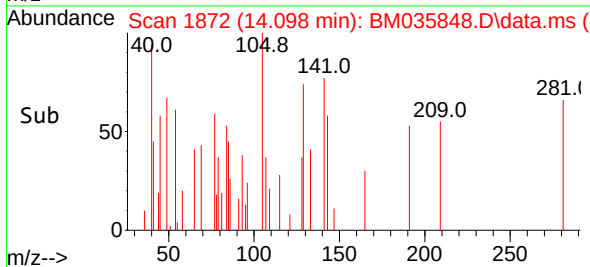
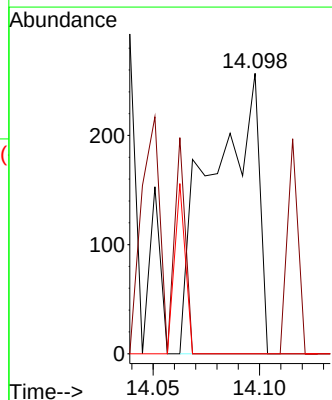
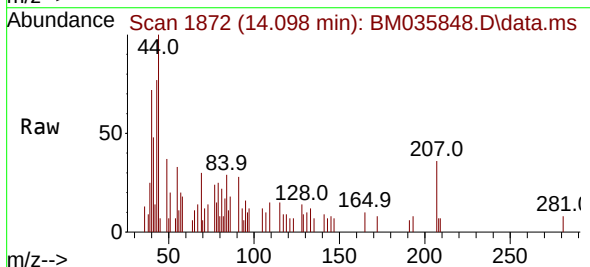
Tgt Ion: 165 Resp: 398

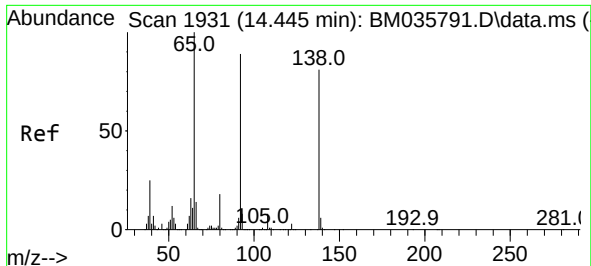
Ion Ratio Lower Upper

165 100

63 0.0 50.2 75.2#

89 0.0 48.4 72.6#

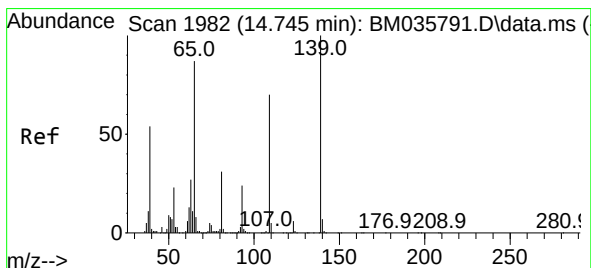
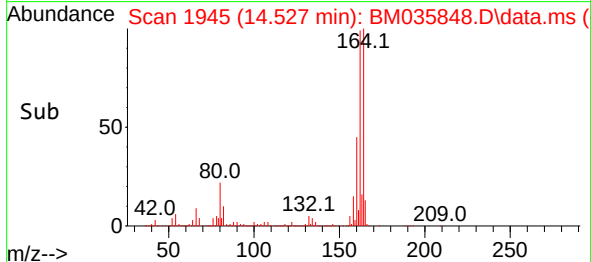
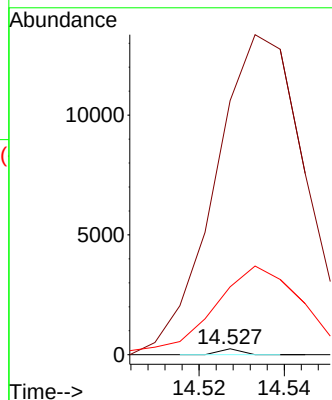
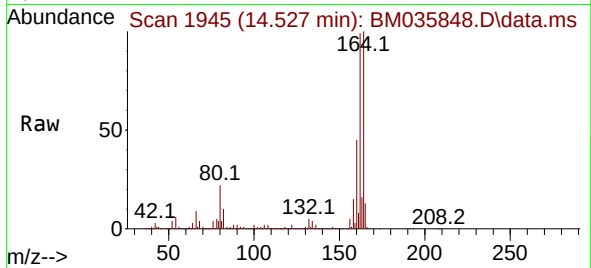




#53
3-Nitroaniline
Concen: 2.674 ng
RT: 14.527 min Scan# 1945
Delta R.T. 0.082 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

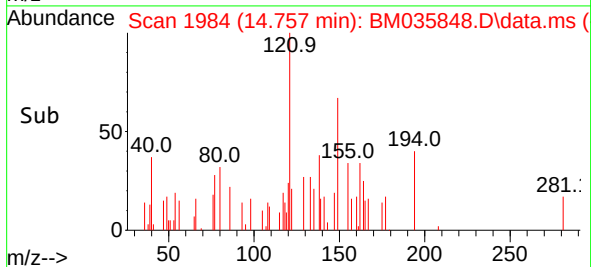
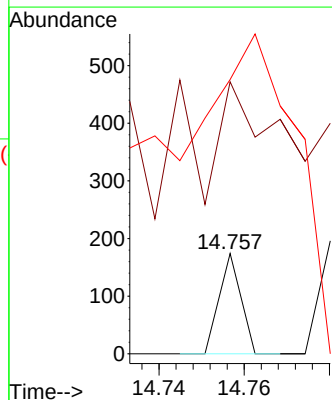
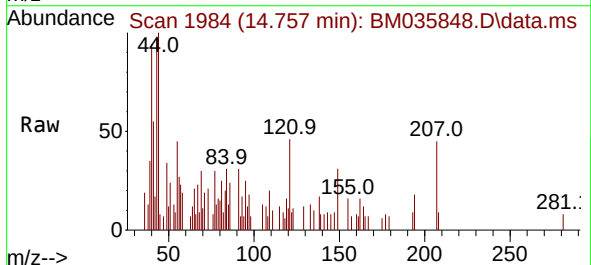
Instrument :
BNA_M
ClientSampleId :
SED-4-(6-12)

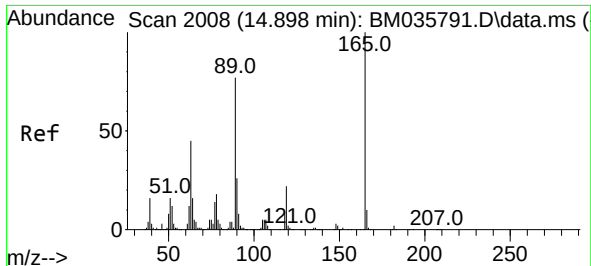
Tgt Ion:138 Resp: 86
Ion Ratio Lower Upper
138 100
108 4346.7 8.7 13.1#
92 1159.8 91.5 137.3#



#56
4-Nitrophenol
Concen: 4.055 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 271.3 62.5 102.5#
65 273.6 83.5 123.5#

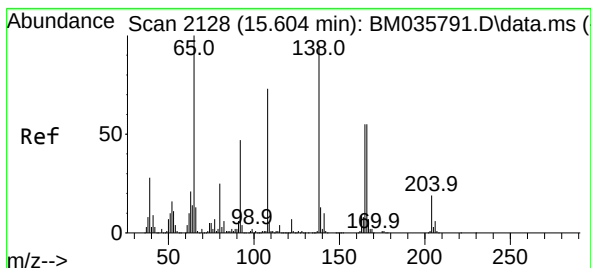
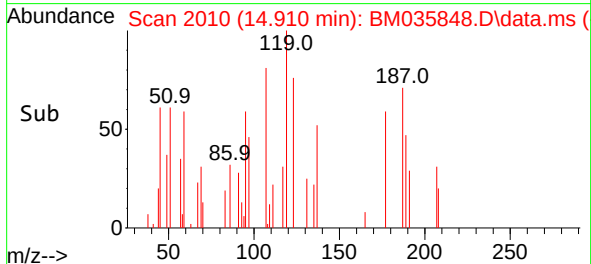
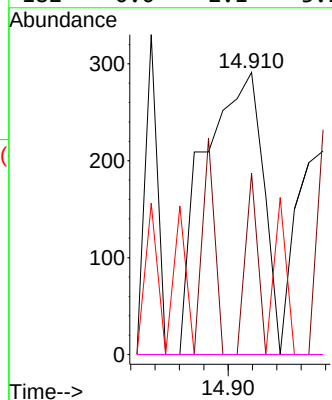
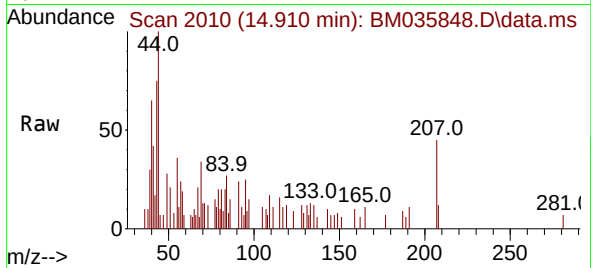




#57
2,4-Dinitrotoluene
Concen: 3.362 ng
RT: 14.910 min Scan# 2096
Delta R.T. 0.012 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

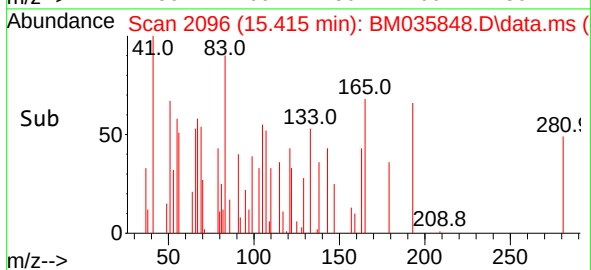
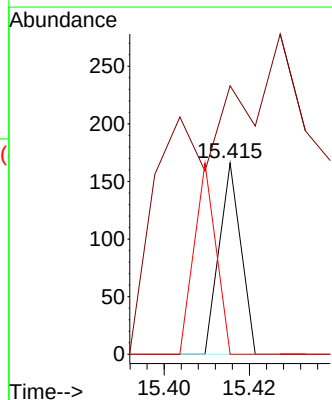
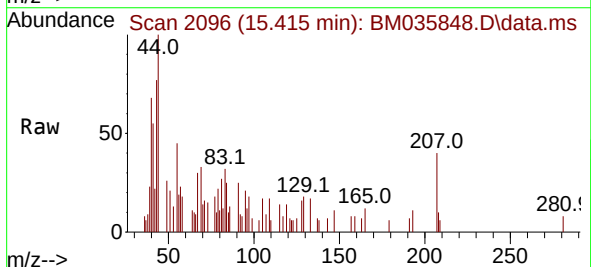
Instrument :
BNA_M
ClientSampleId :
SED-4-(6-12)

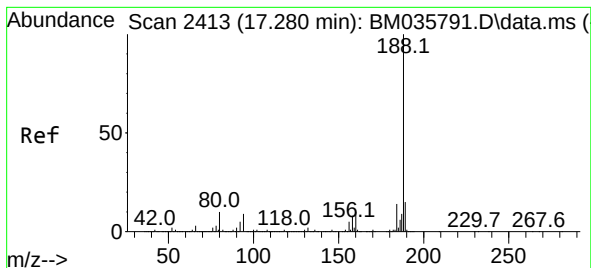
Tgt Ion:165 Resp: 490
Ion Ratio Lower Upper
165 100
63 64.3 35.6 53.4#
89 0.0 57.3 85.9#
182 0.0 2.1 3.1#



#62
4-Nitroaniline
Concen: 2.803 ng
RT: 15.415 min Scan# 2096
Delta R.T. -0.189 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

Tgt Ion:138 Resp: 59
Ion Ratio Lower Upper
138 100
92 140.4 30.8 70.8#
108 0.0 65.7 105.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.274 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BM035848.D

Acq: 16 Jul 2022 02:04

Instrument :

BNA_M

ClientSampleId :

SED-4-(6-12)

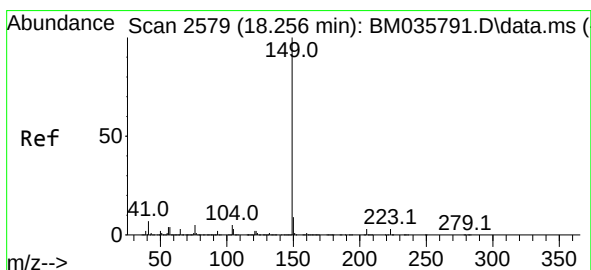
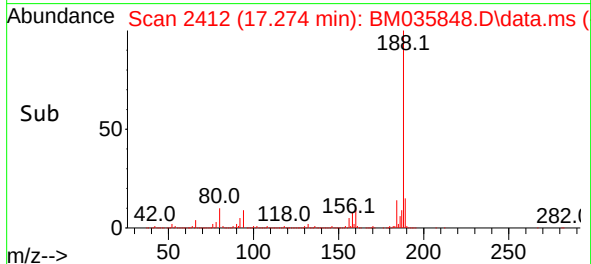
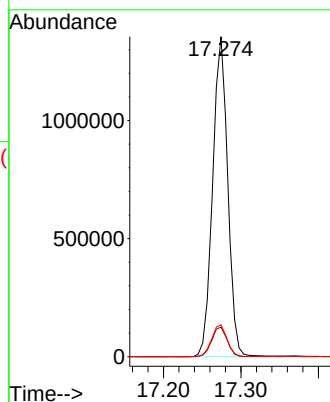
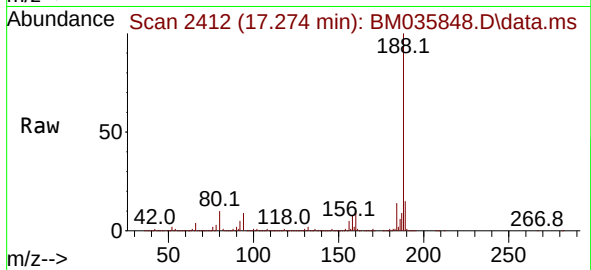
Tgt Ion:188 Resp: 1833092

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 10.0 7.6 11.4



#74

Di-n-butylphthalate

Concen: 2.304 ng

RT: 18.251 min Scan# 2578

Delta R.T. -0.005 min

Lab File: BM035848.D

Acq: 16 Jul 2022 02:04

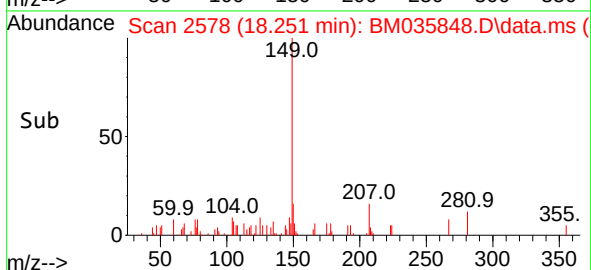
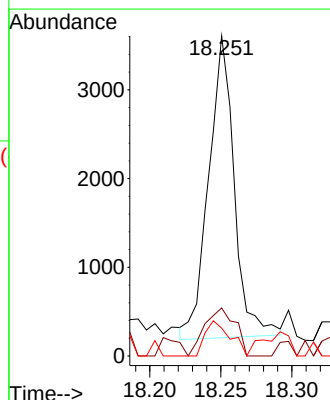
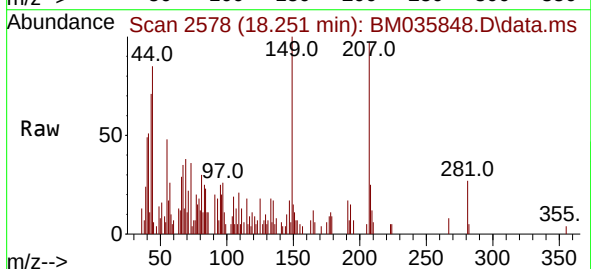
Tgt Ion:149 Resp: 4275

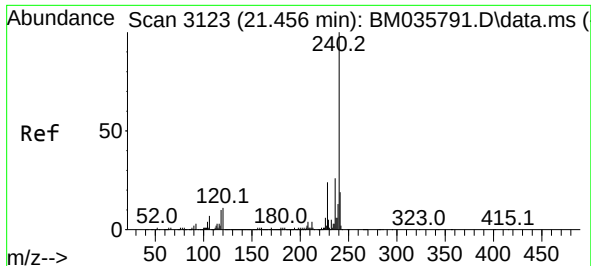
Ion Ratio Lower Upper

149 100

150 15.0 7.3 10.9#

104 8.7 4.3 6.5#

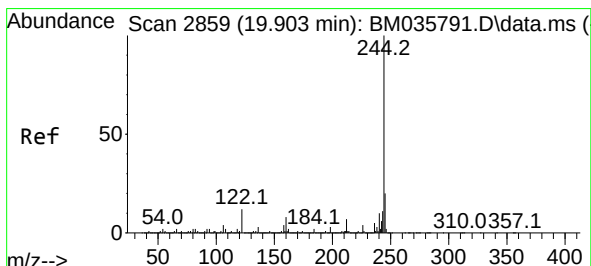
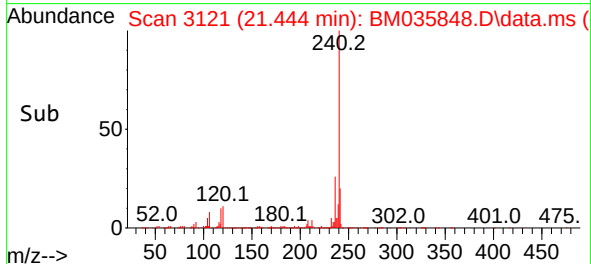
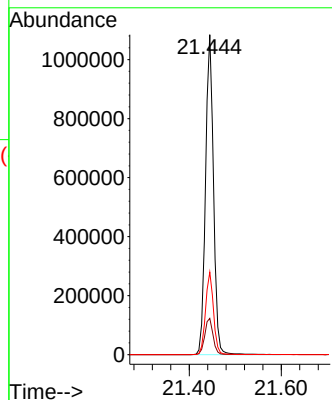
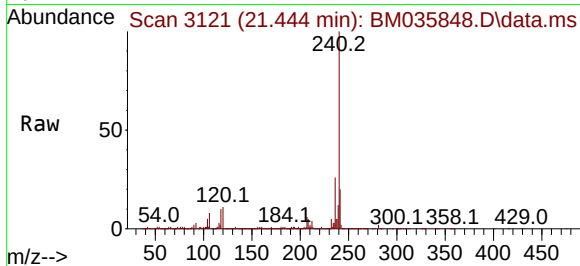




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

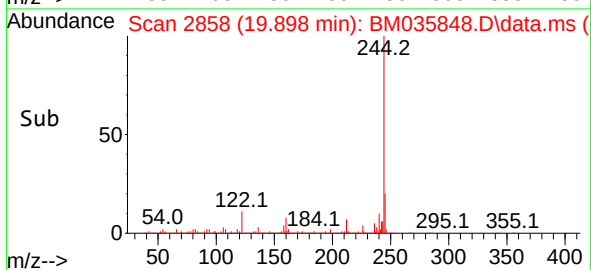
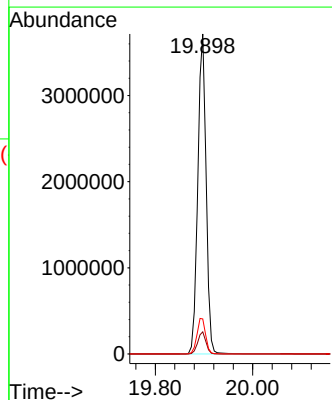
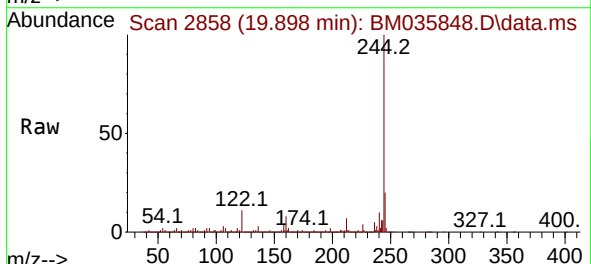
Instrument :
BNA_M
ClientSampleId :
SED-4-(6-12)

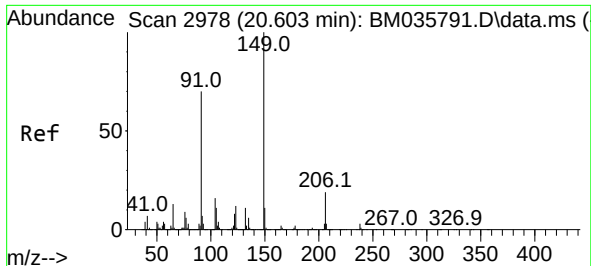
Tgt Ion:240 Resp: 1316280
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.0
236 25.8 20.6 30.8



#79
Terphenyl-d14
Concen: 65.415 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.005 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

Tgt Ion:244 Resp: 4435655
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.4
122 11.0 8.3 12.5

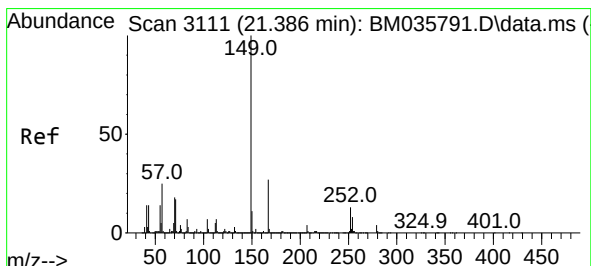
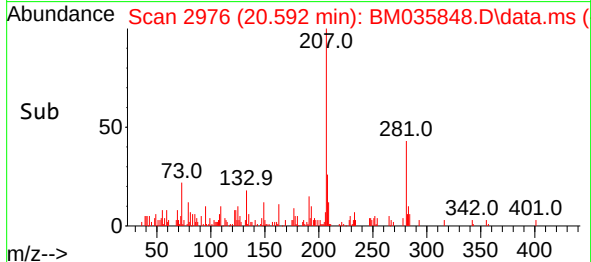
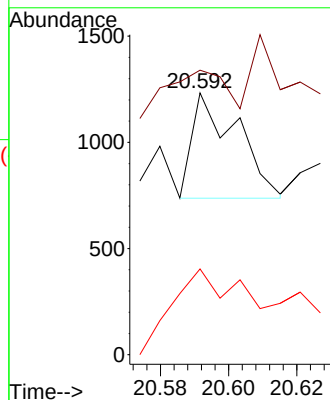
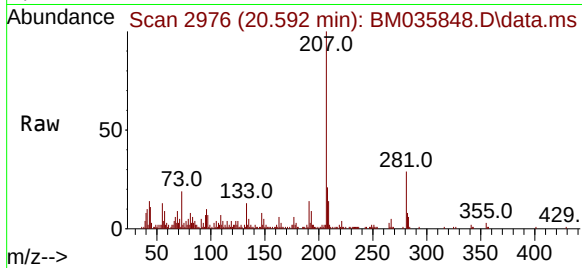




#80
Butylbenzylphthalate
Concen: 4.175 ng
RT: 20.592 min Scan# 2978
Delta R.T. -0.011 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

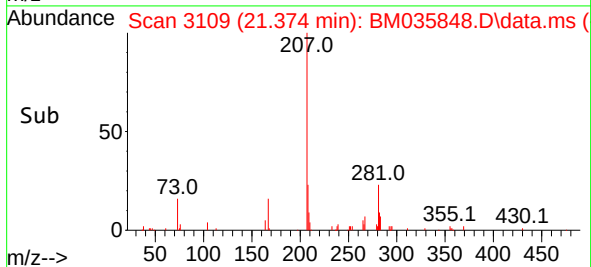
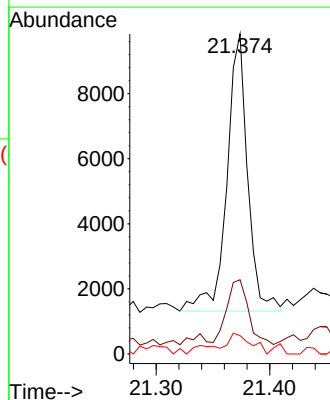
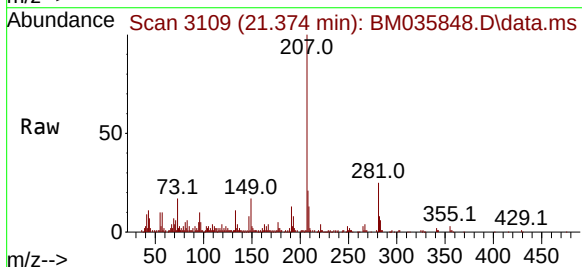
Instrument :
BNA_M
ClientSampleId :
SED-4-(6-12)

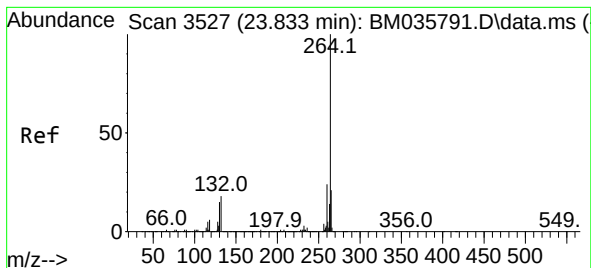
Tgt Ion:149 Resp: 456
Ion Ratio Lower Upper
149 100
91 108.7 56.6 85.0#
206 32.8 15.4 23.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.463 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM035848.D
Acq: 16 Jul 2022 02:04

Tgt Ion:149 Resp: 10833
Ion Ratio Lower Upper
149 100
167 23.2 21.1 31.7
279 5.8 2.8 4.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM035848.D

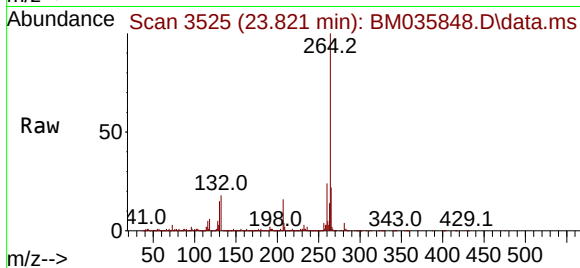
Acq: 16 Jul 2022 02:04

Instrument :

BNA_M

ClientSampleId :

SED-4-(6-12)



Tgt Ion:264 Resp: 1242542

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.6 17.5 26.3

