

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
 Data File : BM035802.D
 Acq On : 13 Jul 2022 20:02
 Operator : CG/JU
 Sample : N3662-05RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220498B-SIM/C4B-COMPOSITE

Quant Time: Jul 14 01:48:30 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)

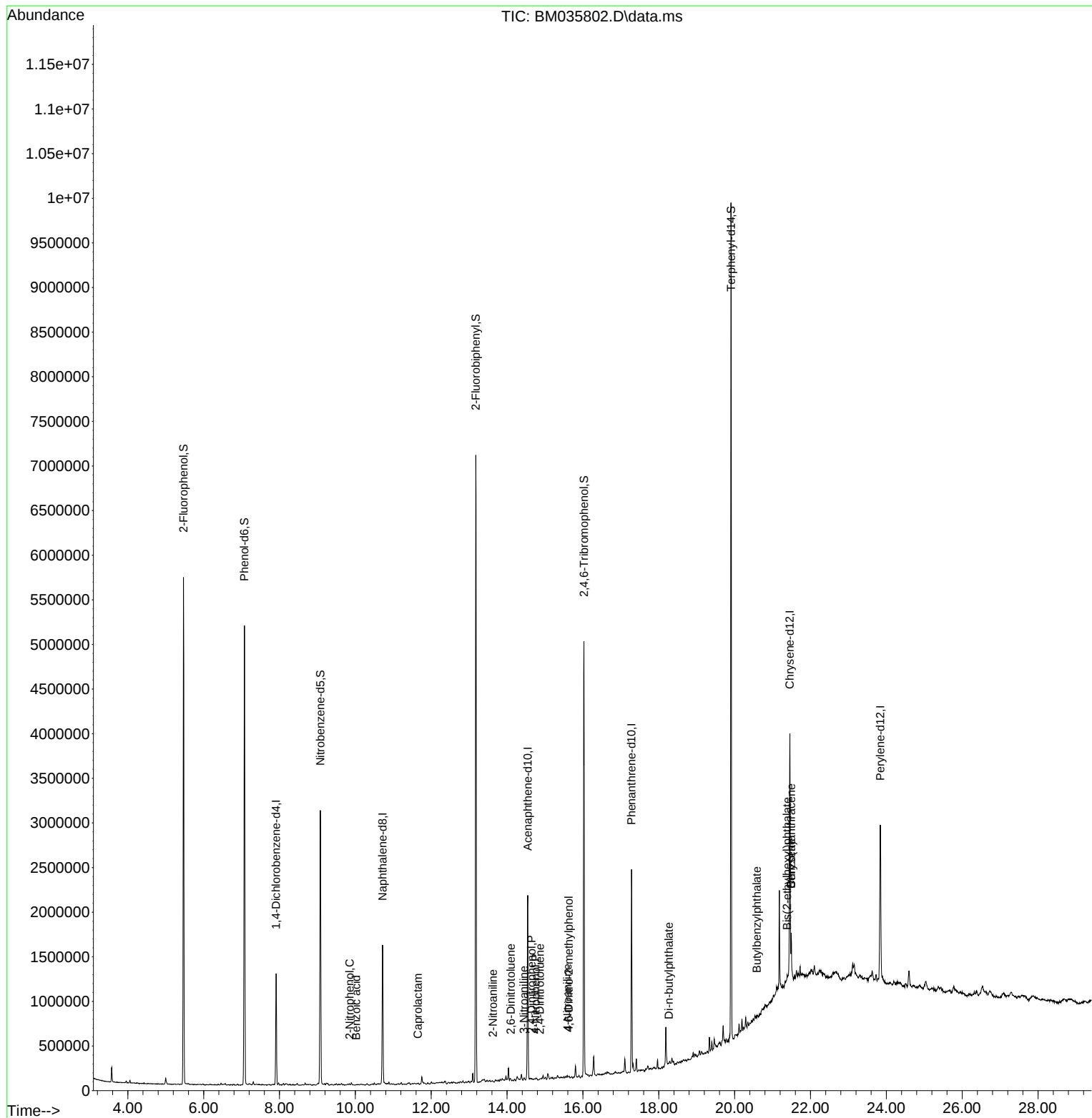
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	329792	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1291427	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	697544	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1332064	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1191345	20.000	ng	0.00
86) Perylene-d12	23.838	264	1283220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2399559	118.182	ng	0.00
7) Phenol-d6	7.075	99	2861851	112.685	ng	0.00
23) Nitrobenzene-d5	9.075	82	1712849	75.823	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	918114	129.611	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	3448723	68.951	ng	0.00
79) Terphenyl-d14	19.903	244	4446622	72.454	ng	0.00
Target Compounds					Qvalue	
26) 2-Nitrophenol	9.851	139	286	4.602	ng	# 1
32) Benzoic acid	10.022	122	204	8.052	ng	# 1
35) Caprolactam	11.645	113	614	5.204	ng	# 1
48) 2-Nitroaniline	13.627	65	124	3.607	ng	# 46
51) 2,6-Dinitrotoluene	14.098	165	625	2.356	ng	# 84
53) 3-Nitroaniline	14.445	138	413	2.702	ng	# 54
54) 2,4-Dinitrophenol	14.645	184	56	7.553	ng	# 1
56) 4-Nitrophenol	14.757	139	858	4.139	ng	# 29
57) 2,4-Dinitrotoluene	14.863	165	199	3.351	ng	# 71
62) 4-Nitroaniline	15.592	138	162	2.813	ng	# 69
65) 4,6-Dinitro-2-methylph...	15.627	198	175	6.614	ng	# 1
74) Di-n-butylphthalate	18.262	149	11494	2.414	ng	# 84
80) Butylbenzylphthalate	20.586	149	805	4.188	ng	# 33
81) Benzo(a)anthracene	21.491	228	206311	2.761	ng	95
83) Chrysene	21.491	228	206311	2.859	ng	98
84) Bis(2-ethylhexyl)phtha...	21.386	149	20566	3.715	ng	# 80

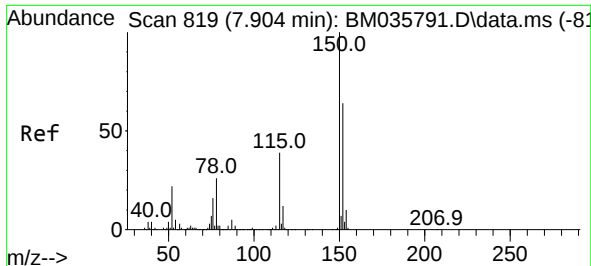
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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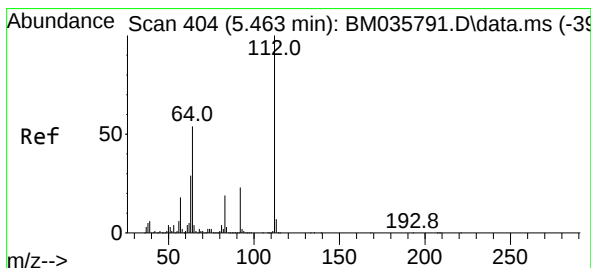
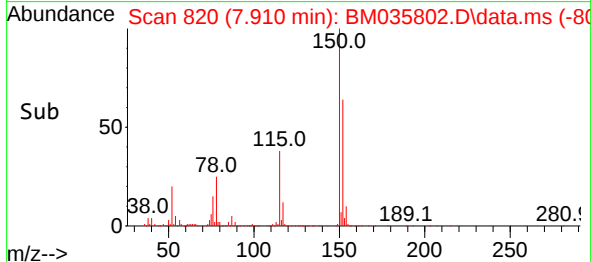
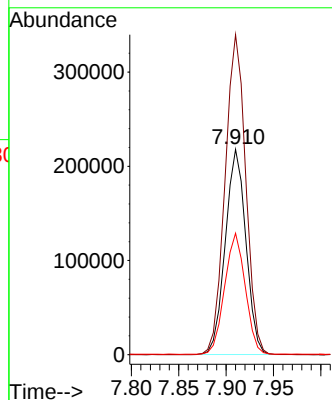
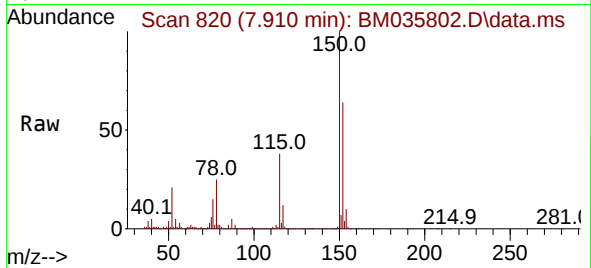




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 819
Delta R.T. 0.006 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

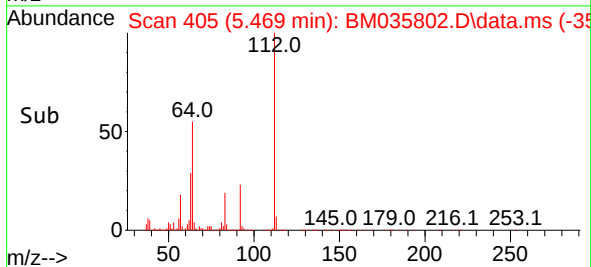
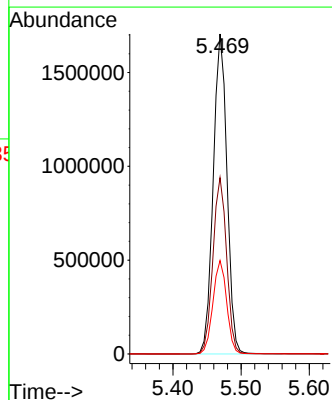
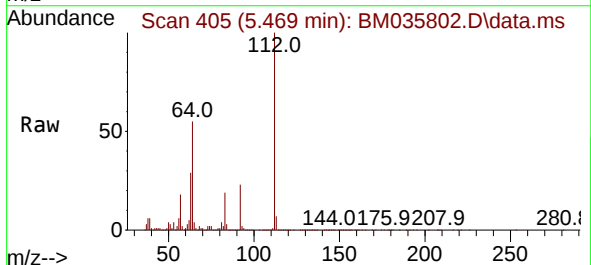
Instrument :
BNA_M
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

Tgt Ion:152 Resp: 329792
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 118.182 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion:112 Resp: 2399559
Ion Ratio Lower Upper
112 100
64 55.1 47.8 71.6
63 29.2 26.6 40.0

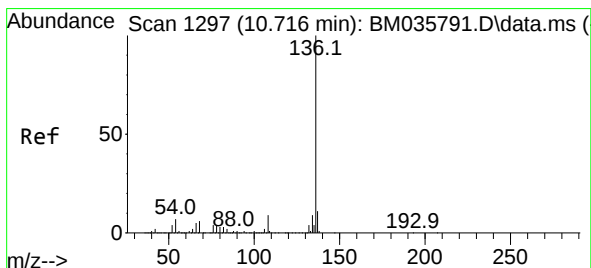
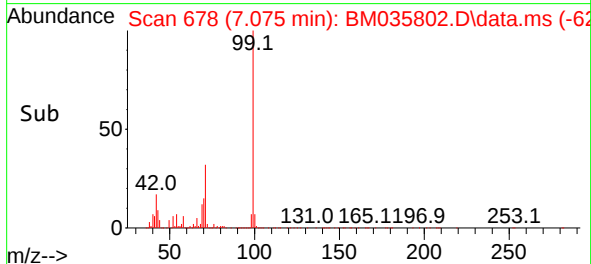
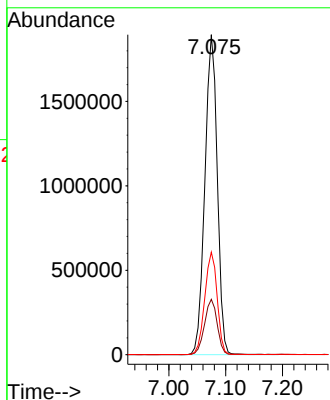
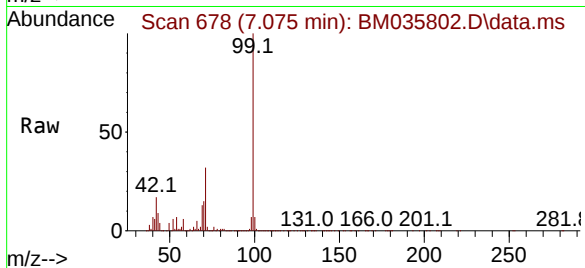




#7
Phenol-d6
Concen: 112.685 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

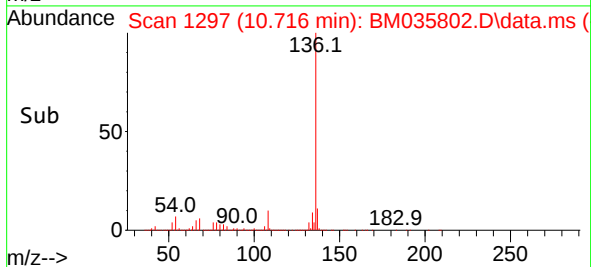
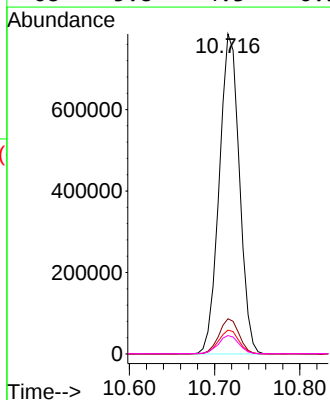
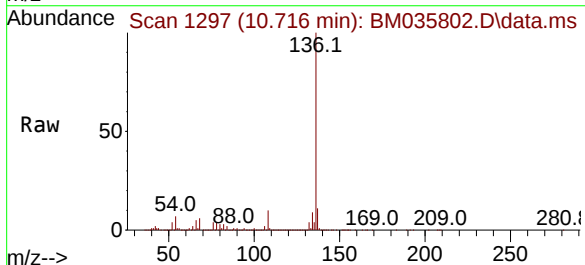
Instrument :
BNA_M
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

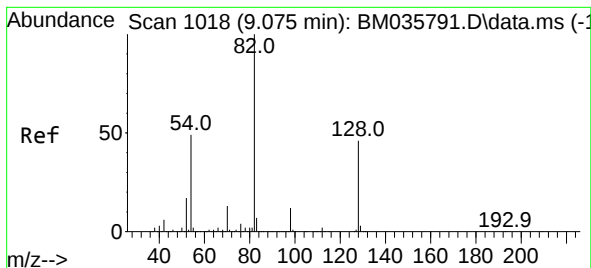
Tgt Ion: 99 Resp: 2861851
Ion Ratio Lower Upper
99 100
42 17.3 18.8 28.2#
71 32.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion: 136 Resp: 1291427
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 7.0 10.4
68 5.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 75.823 ng

RT: 9.075 min Scan# 110

Delta R.T. -0.000 min

Lab File: BM035802.D

Acq: 13 Jul 2022 20:02

Instrument :

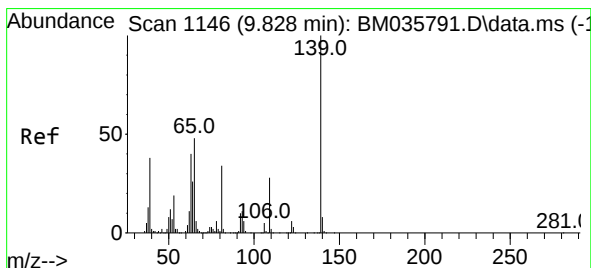
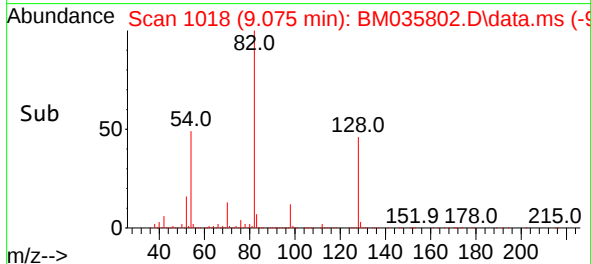
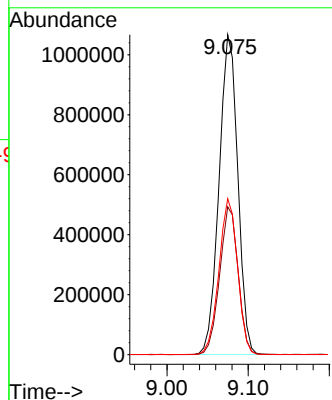
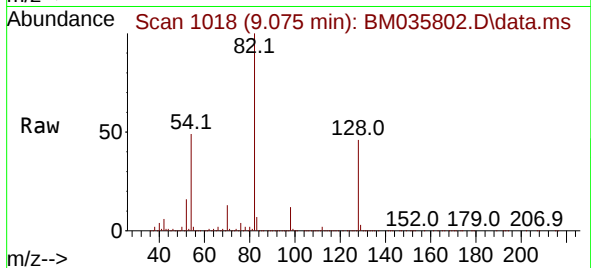
BNA_M

ClientSampleId :

20220498B-SIM/C4B-COMPOSITE

Tgt Ion: 82 Resp: 1712849

Ion	Ratio	Lower	Upper
82	100		
128	46.2	33.7	50.5
54	48.7	43.2	64.8



#26

2-Nitrophenol

Concen: 4.602 ng

RT: 9.851 min Scan# 1150

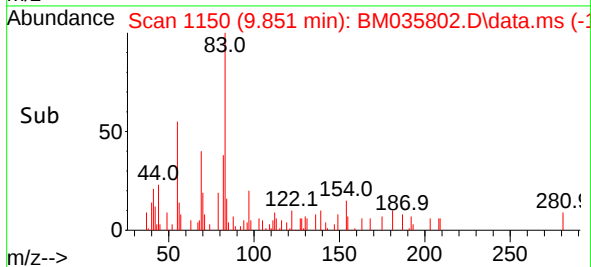
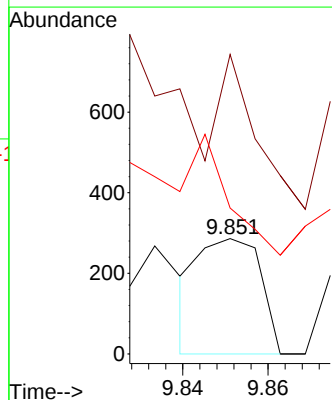
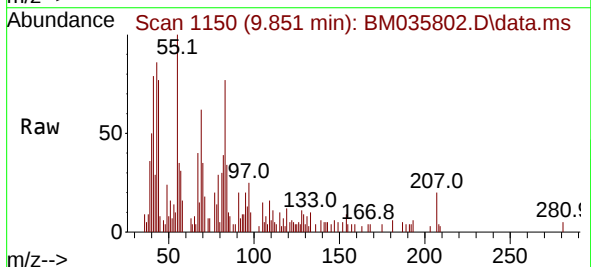
Delta R.T. 0.023 min

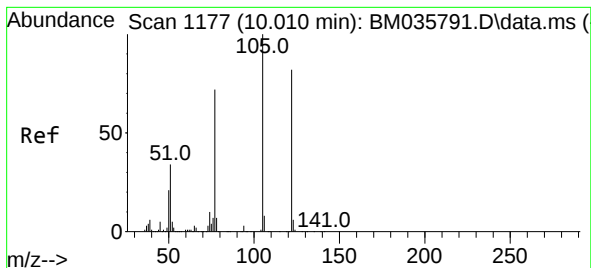
Lab File: BM035802.D

Acq: 13 Jul 2022 20:02

Tgt Ion:139 Resp: 286

Ion	Ratio	Lower	Upper
139	100		
109	259.8	25.6	38.4#
65	126.6	43.2	64.8#





#32

Benzoic acid

Concen: 8.052 ng

RT: 10.022 min Scan# 1179

Delta R.T. 0.012 min

Lab File: BM035802.D

Acq: 13 Jul 2022 20:02

Instrument :

BNA_M

ClientSampleId :

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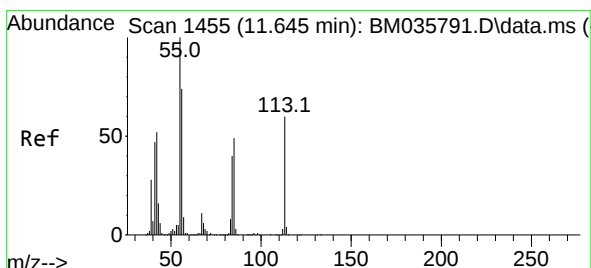
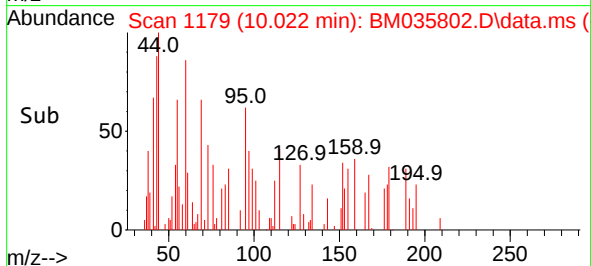
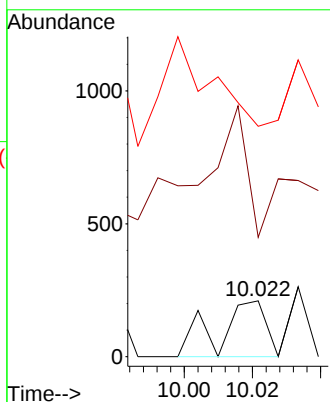
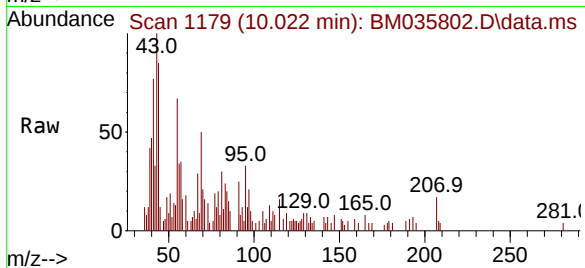
Tgt Ion:122 Resp: 204

Ion Ratio Lower Upper

122 100

105 213.8 105.7 145.7#

77 412.9 80.0 120.0#



#35

Caprolactam

Concen: 5.204 ng

RT: 11.645 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BM035802.D

Acq: 13 Jul 2022 20:02

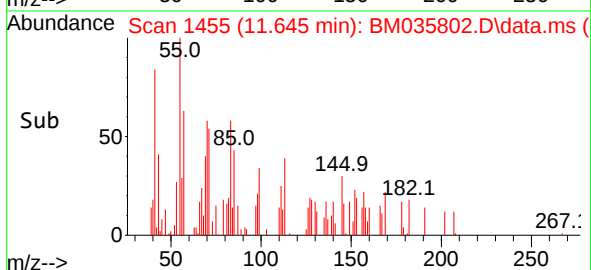
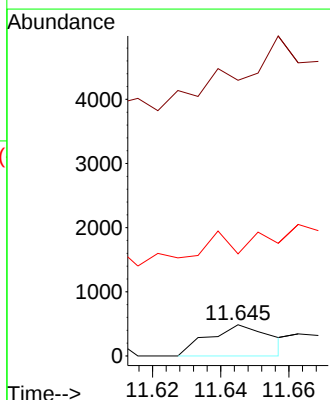
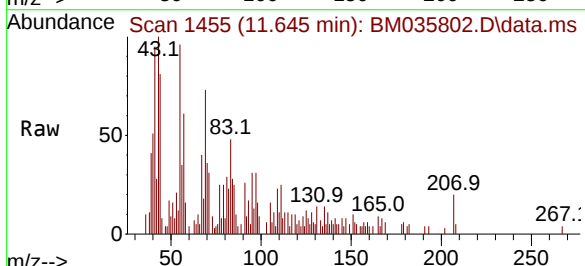
Tgt Ion:113 Resp: 614

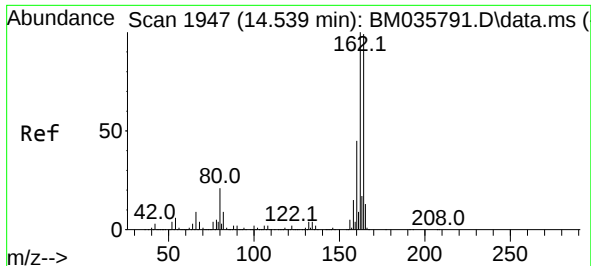
Ion Ratio Lower Upper

113 100

55 884.6 150.1 190.1#

56 327.4 111.7 151.7#

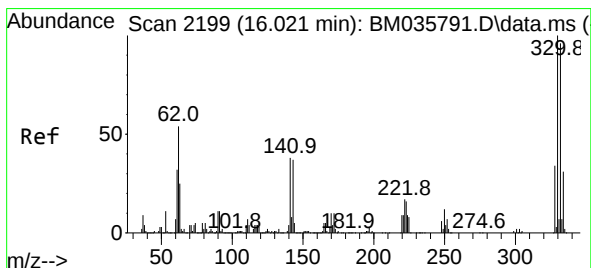
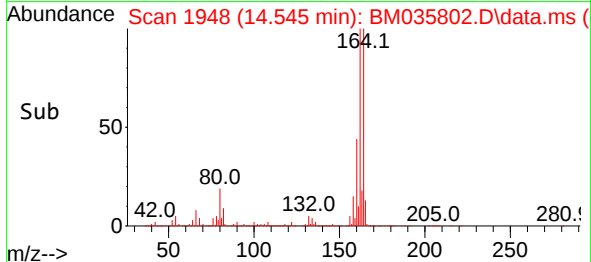
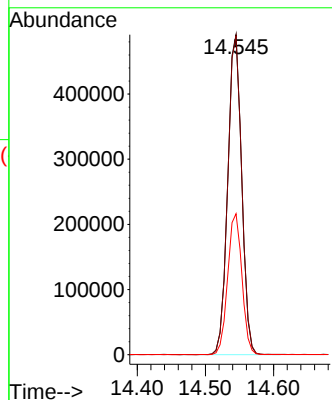
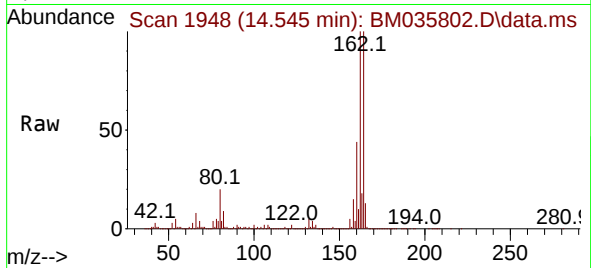




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

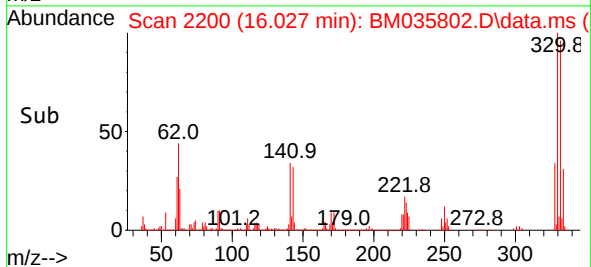
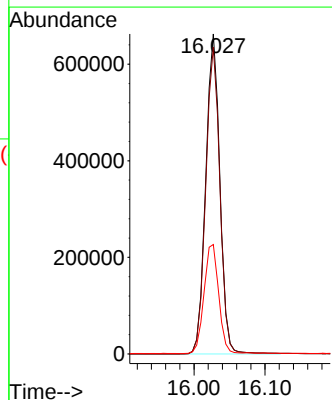
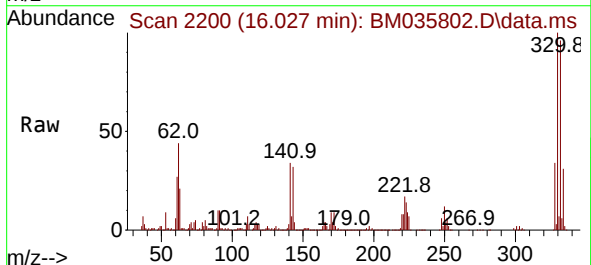
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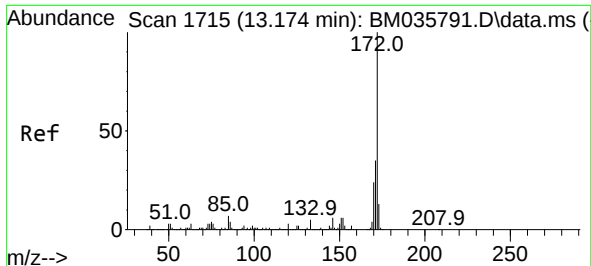
Tgt Ion:164 Resp: 697544
Ion Ratio Lower Upper
164 100
162 99.6 83.0 124.6
160 44.1 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 129.611 ng
RT: 16.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion:330 Resp: 918114
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 35.5 35.3 52.9

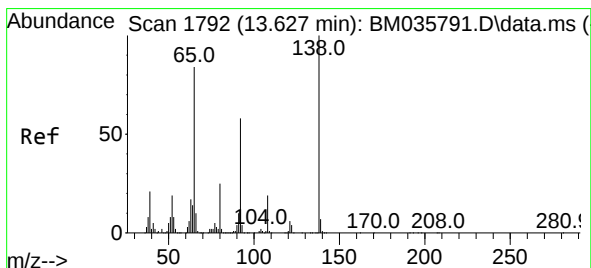
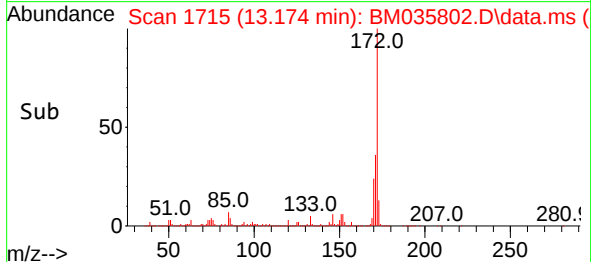
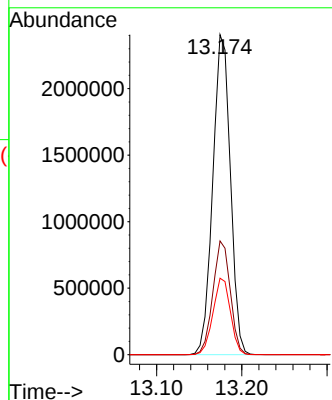
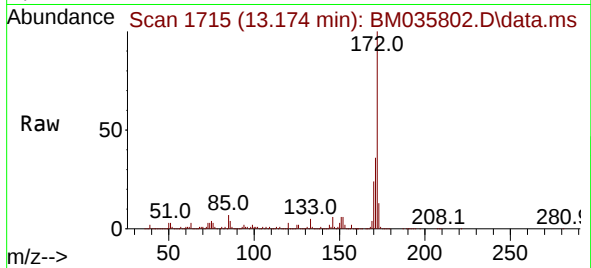




#45
2-Fluorobiphenyl
Concen: 68.951 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

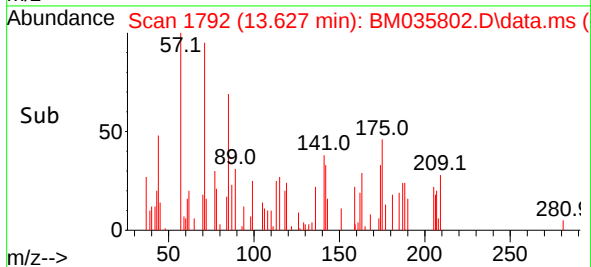
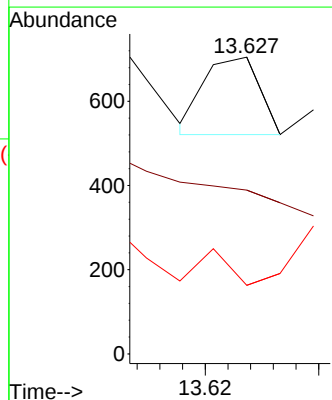
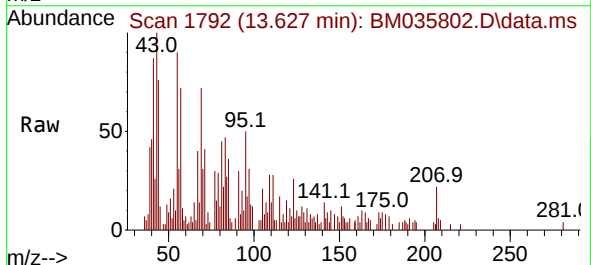
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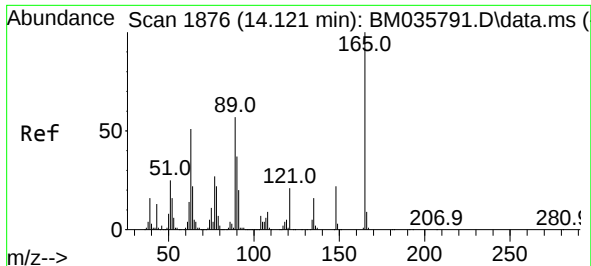
Tgt Ion:172 Resp: 3448723
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.9 18.7 28.1



#48
2-Nitroaniline
Concen: 3.607 ng
RT: 13.627 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion: 65 Resp: 124
Ion Ratio Lower Upper
65 100
92 55.2 53.7 80.5
138 23.1 83.9 125.9#

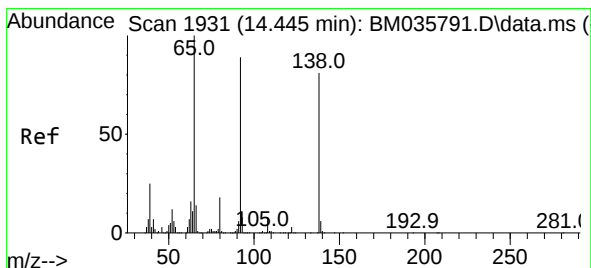
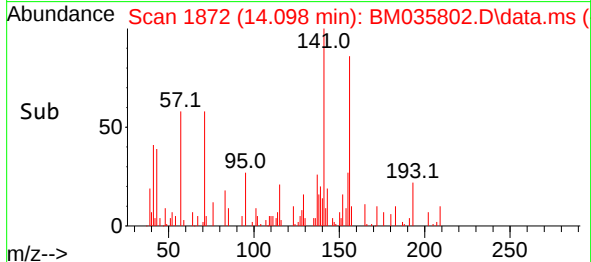
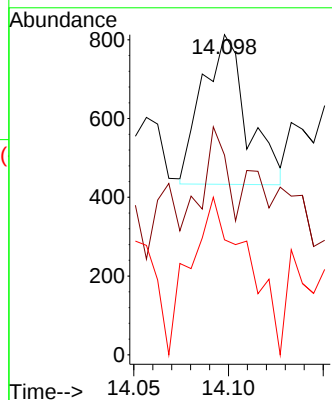
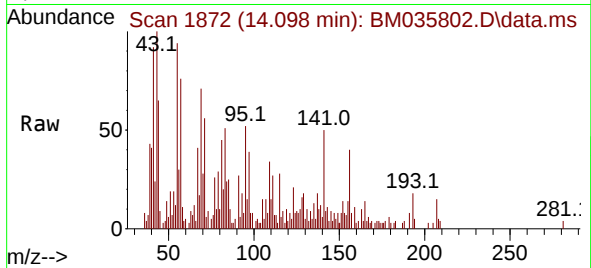




#51
2,6-Dinitrotoluene
Concen: 2.356 ng
RT: 14.098 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

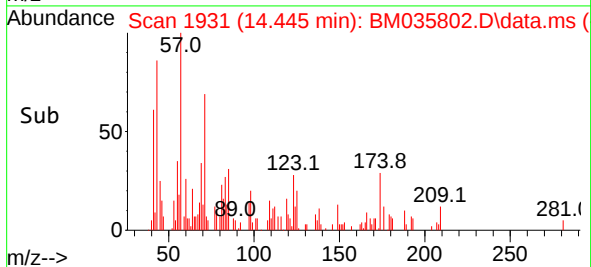
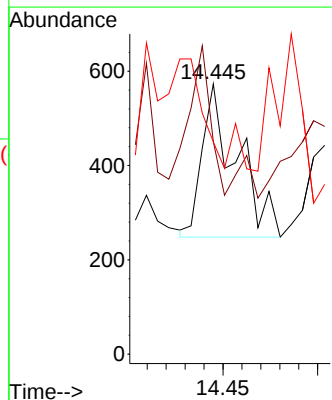
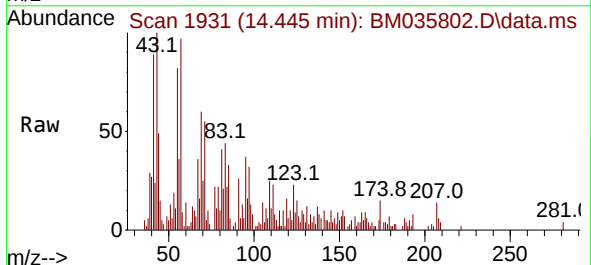
Instrument :
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20220498B-SIM/C4B-COMPOSITE

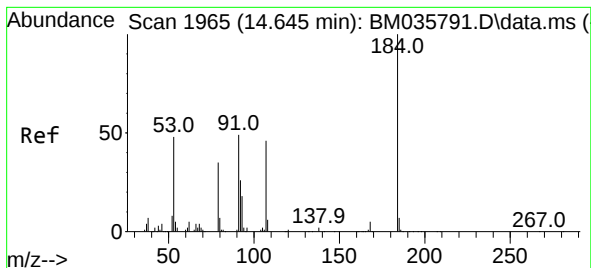
Tgt Ion:165 Resp: 625
Ion Ratio Lower Upper
165 100
63 62.4 50.2 75.2
89 35.9 48.4 72.6#



#53
3-Nitroaniline
Concen: 2.702 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion:138 Resp: 413
Ion Ratio Lower Upper
138 100
108 78.7 8.7 13.1#
92 78.5 91.5 137.3#

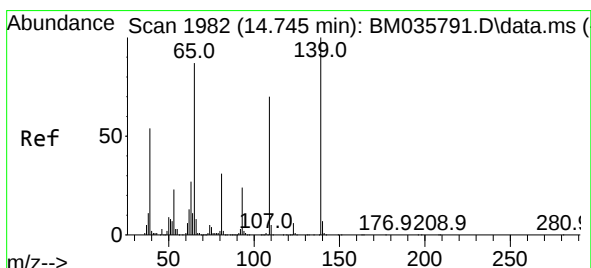
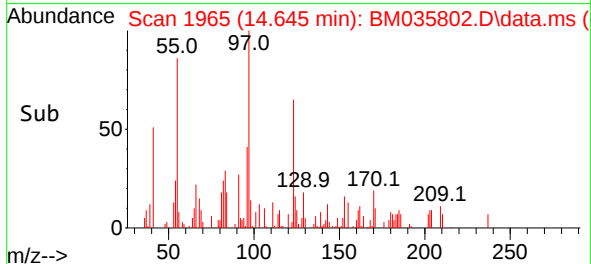
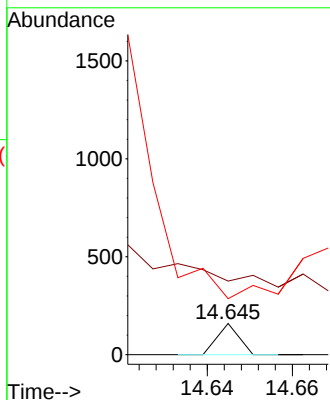
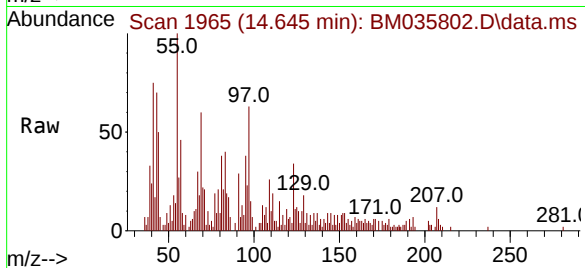




#54
2,4-Dinitrophenol
Concen: 7.553 ng
RT: 14.645 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

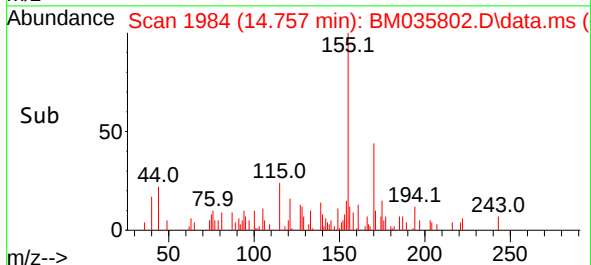
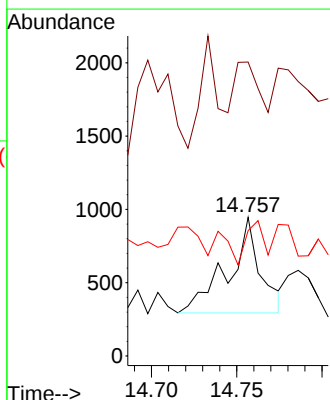
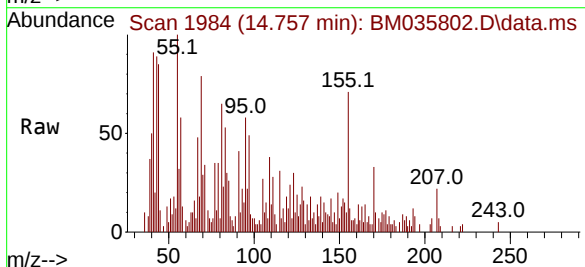
Instrument : BNA_M
ClientSampleId : 20220498B-SIM/C4B-COMPOSITE

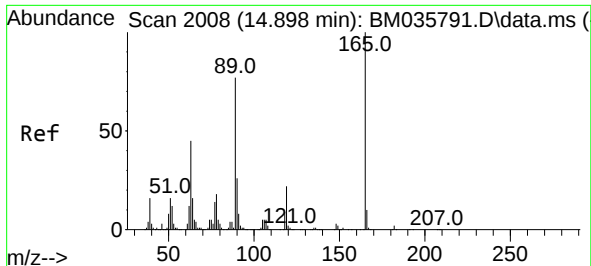
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 236.5 59.5 89.3#
154 179.9 55.6 83.4#



#56
4-Nitrophenol
Concen: 4.139 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion:139 Resp: 858
Ion Ratio Lower Upper
139 100
109 211.9 62.5 102.5#
65 90.4 83.5 123.5

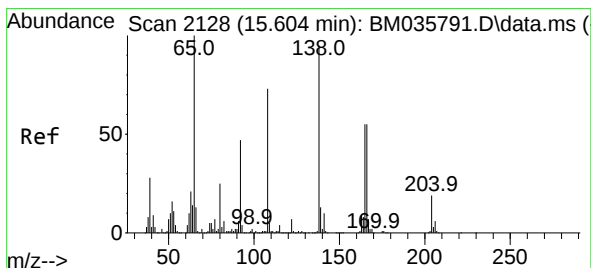
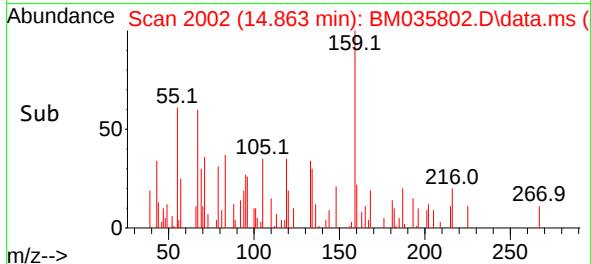
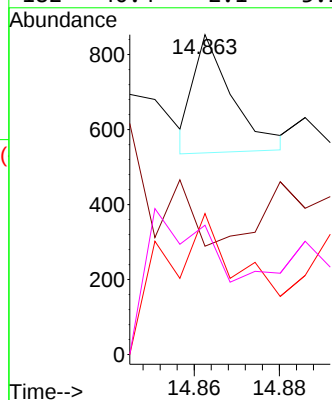
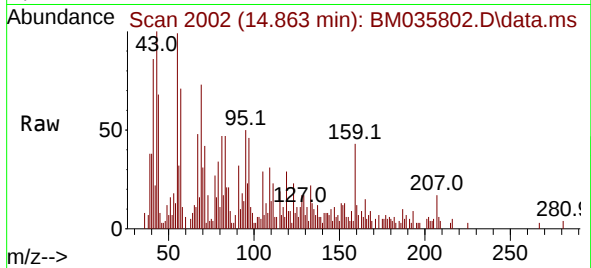




#57
2,4-Dinitrotoluene
Concen: 3.351 ng
RT: 14.863 min Scan# 2008
Delta R.T. -0.035 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

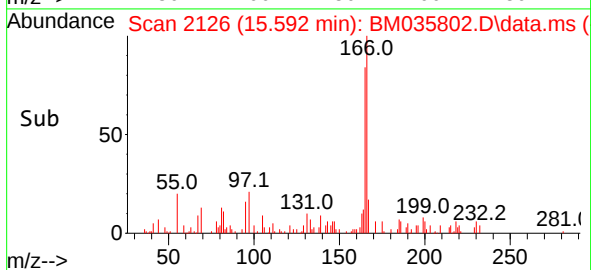
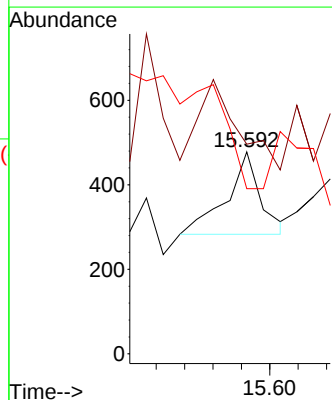
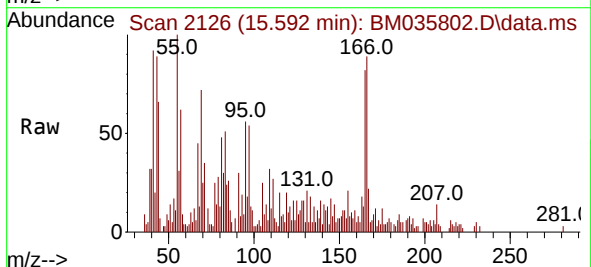
Instrument :
BNA_M
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

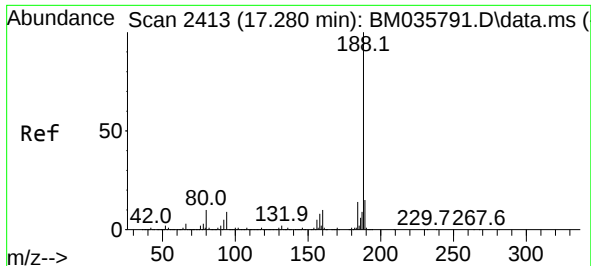
Tgt Ion:165 Resp: 199
Ion Ratio Lower Upper
165 100
63 33.9 35.6 53.4#
89 44.1 57.3 85.9#
182 40.4 2.1 3.1#



#62
4-Nitroaniline
Concen: 2.813 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion:138 Resp: 162
Ion Ratio Lower Upper
138 100
92 103.8 30.8 70.8#
108 81.8 65.7 105.7

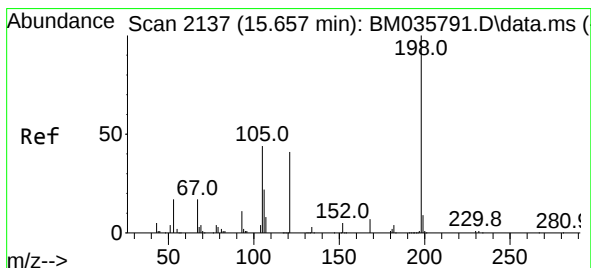
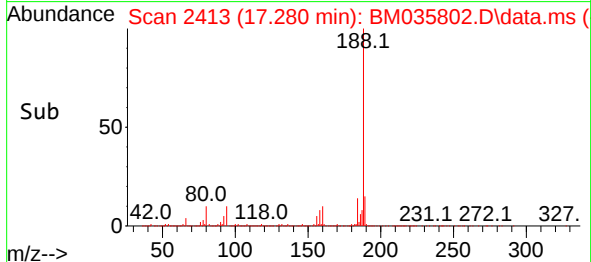
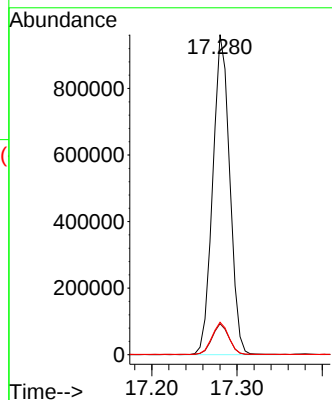
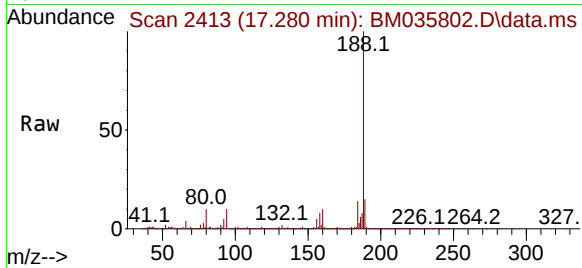




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

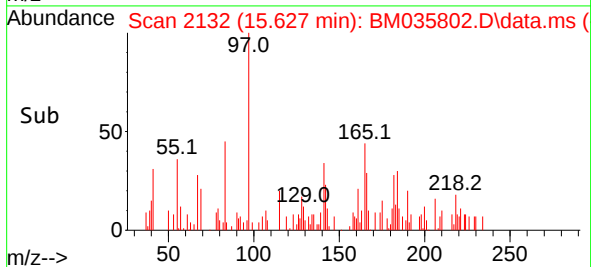
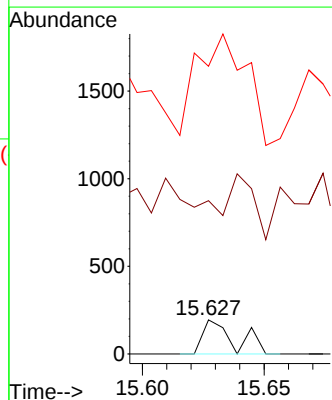
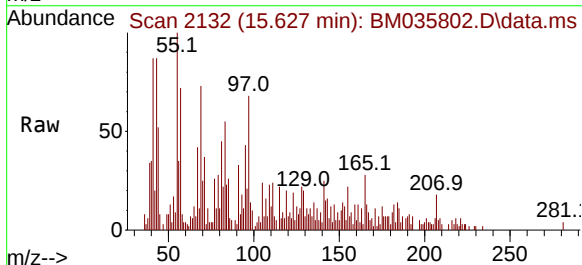
Instrument :
BNA_M
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

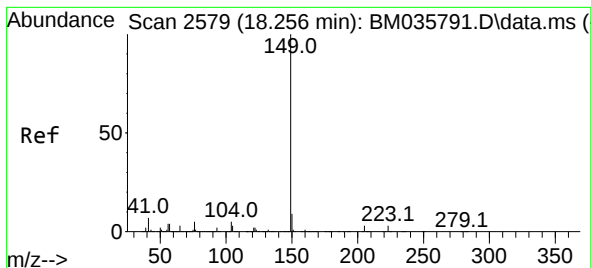
Tgt Ion:188 Resp: 1332064
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.2 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 6.614 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.030 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion:198 Resp: 175
Ion Ratio Lower Upper
198 100
51 451.0 29.0 69.0#
105 846.4 22.1 62.1#





#74

Di-n-butylphthalate

Concen: 2.414 ng

RT: 18.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM035802.D

Acq: 13 Jul 2022 20:02

Instrument :

BNA_M

ClientSampleId :

20220498B-SIM/C4B-COMPOSITE

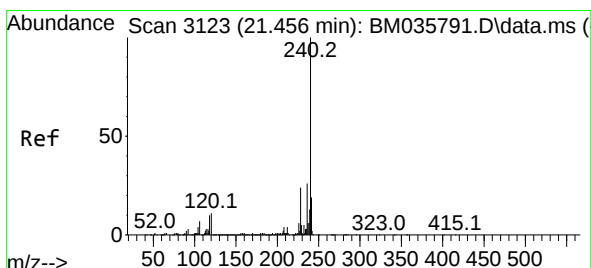
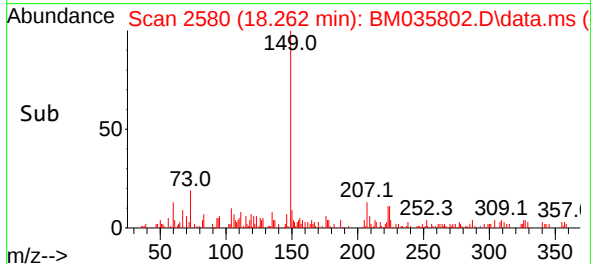
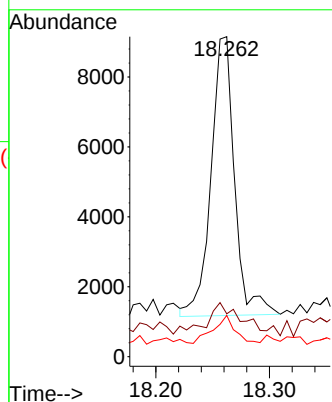
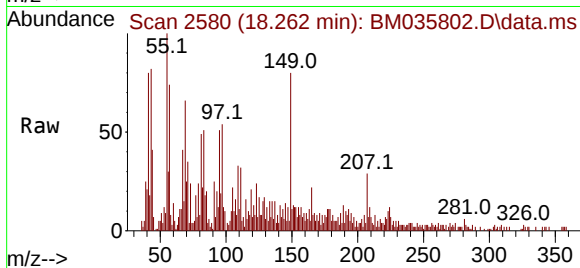
Tgt Ion:149 Resp: 11494

Ion Ratio Lower Upper

149 100

150 13.4 7.3 10.9#

104 12.9 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: BM035802.D

Acq: 13 Jul 2022 20:02

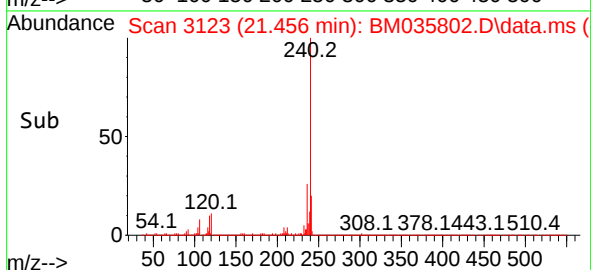
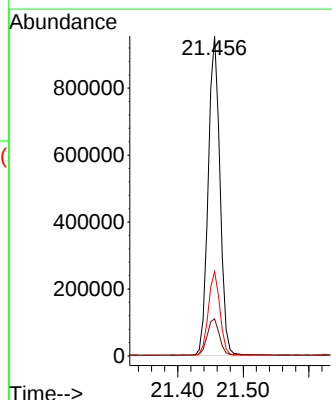
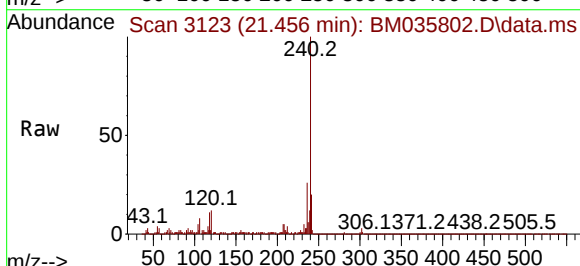
Tgt Ion:240 Resp: 1191345

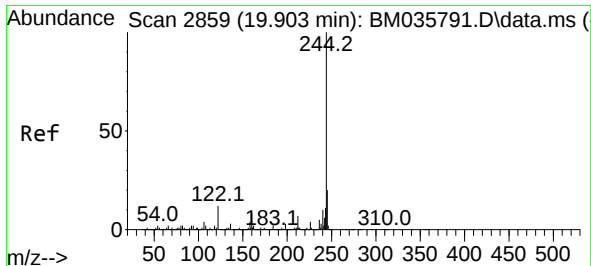
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.0

236 26.4 20.6 30.8

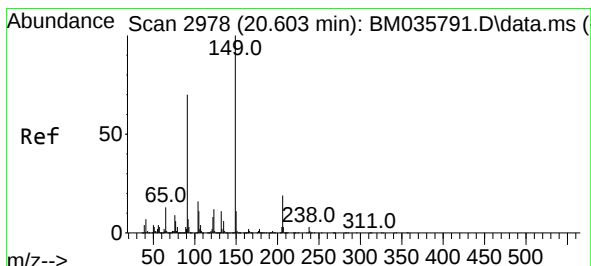
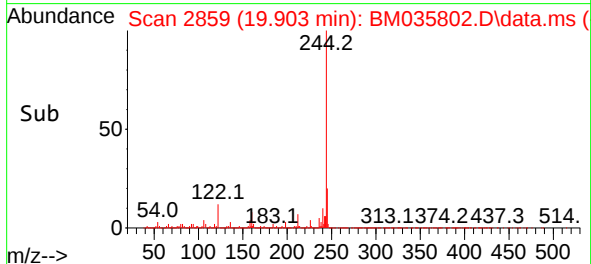
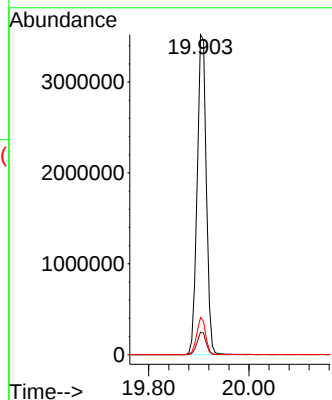
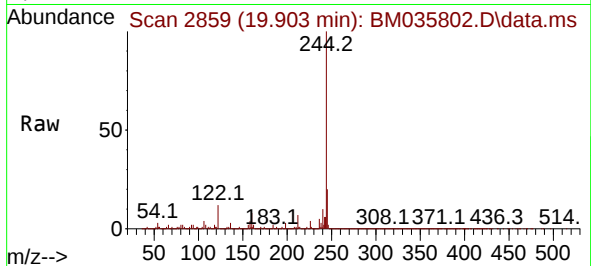




#79
 Terphenyl-d14
 Concen: 72.454 ng
 RT: 19.903 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035802.D
 Acq: 13 Jul 2022 20:02

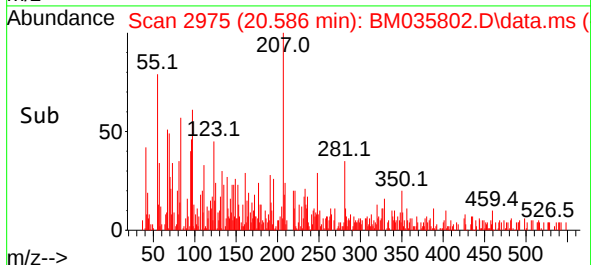
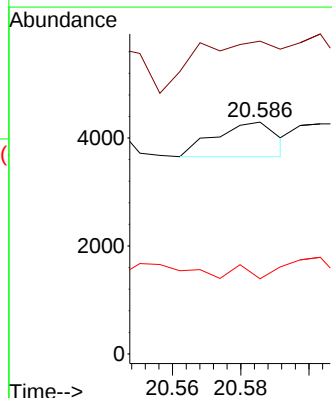
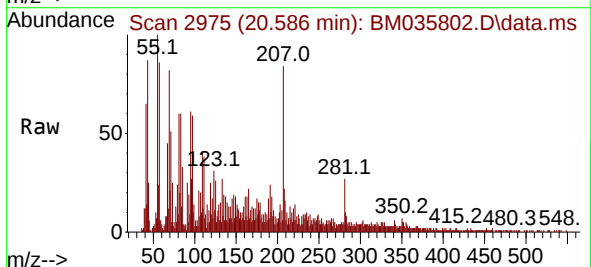
Instrument :
 BNA_M
 ClientSampleId :
 20220498B-SIM/C4B-COMPOSITE

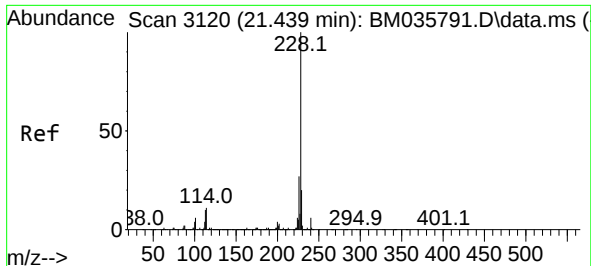
Tgt Ion:244 Resp: 4446622
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 11.7 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 4.188 ng
 RT: 20.586 min Scan# 2975
 Delta R.T. -0.017 min
 Lab File: BM035802.D
 Acq: 13 Jul 2022 20:02

Tgt Ion:149 Resp: 805
 Ion Ratio Lower Upper
 149 100
 91 134.9 56.6 85.0#
 206 32.5 15.4 23.0#

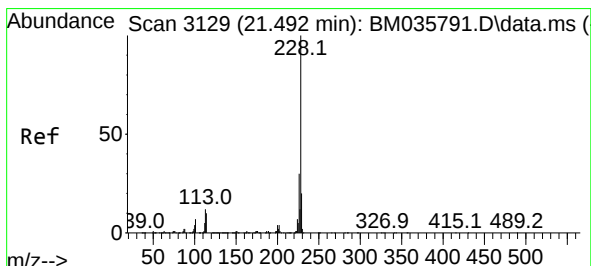
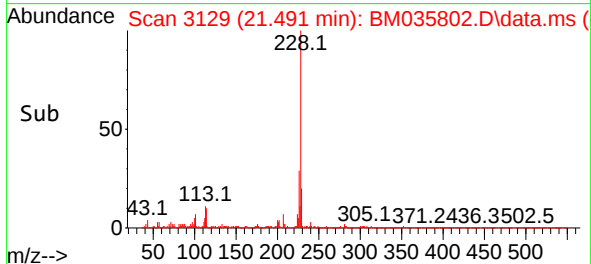
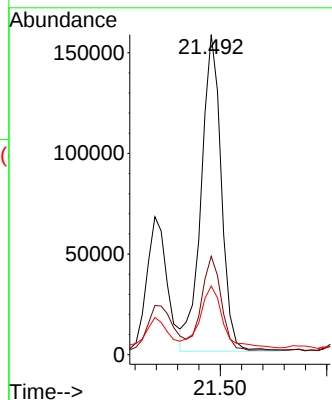
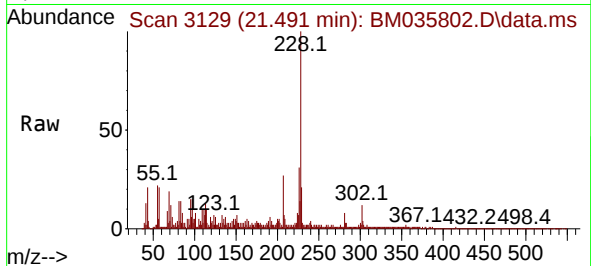




#81
Benzo(a)anthracene
Concen: 2.761 ng
RT: 21.491 min Scan# 3120
Delta R.T. 0.052 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

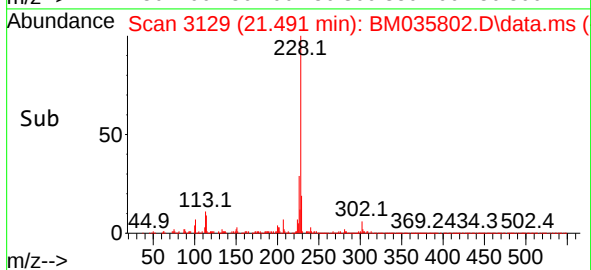
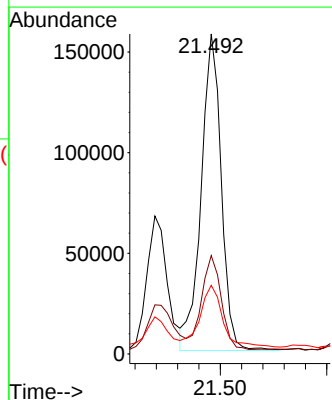
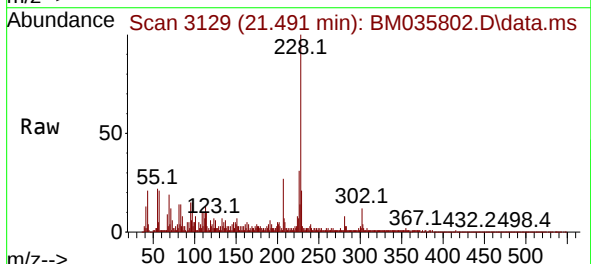
Instrument :
BNA_M
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

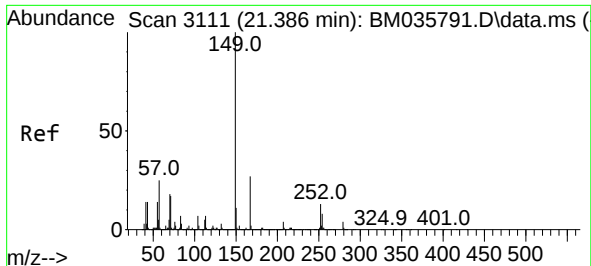
Tgt Ion:228 Resp: 206311
Ion Ratio Lower Upper
228 100
226 30.7 22.3 33.5
229 21.5 15.8 23.6



#83
Chrysene
Concen: 2.859 ng
RT: 21.491 min Scan# 3129
Delta R.T. -0.001 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion:228 Resp: 206311
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 21.5 15.8 23.8

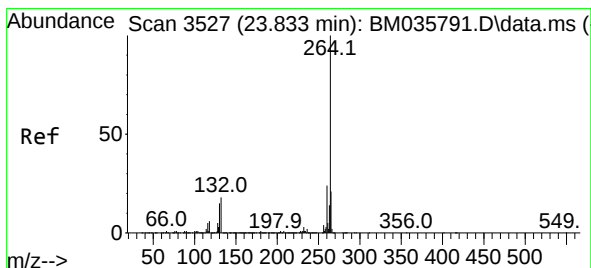
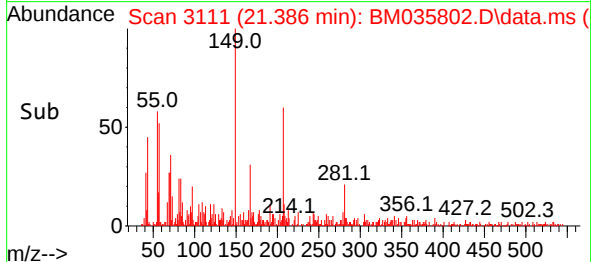
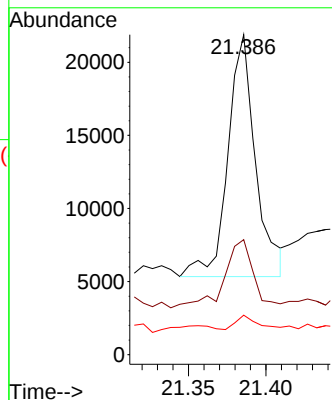
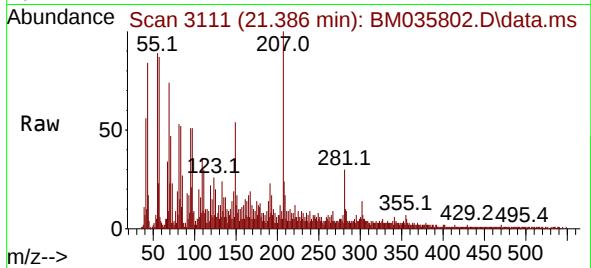




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.715 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BM035802.D
 Acq: 13 Jul 2022 20:02

Instrument :
 BNA_M
 ClientSampleId :
 20220498B-SIM/C4B-COMPOSITE

Tgt Ion:149 Resp: 20566
 Ion Ratio Lower Upper
 149 100
 167 36.0 21.1 31.7#
 279 12.4 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: BM035802.D
 Acq: 13 Jul 2022 20:02

Tgt Ion:264 Resp: 1283220
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.0 17.5 26.3

