

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035809.D
 Acq On : 14 Jul 2022 13:10
 Operator : CG/JU
 Sample : N3652-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-1A-(24-30)

Quant Time: Jul 15 01:09:19 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

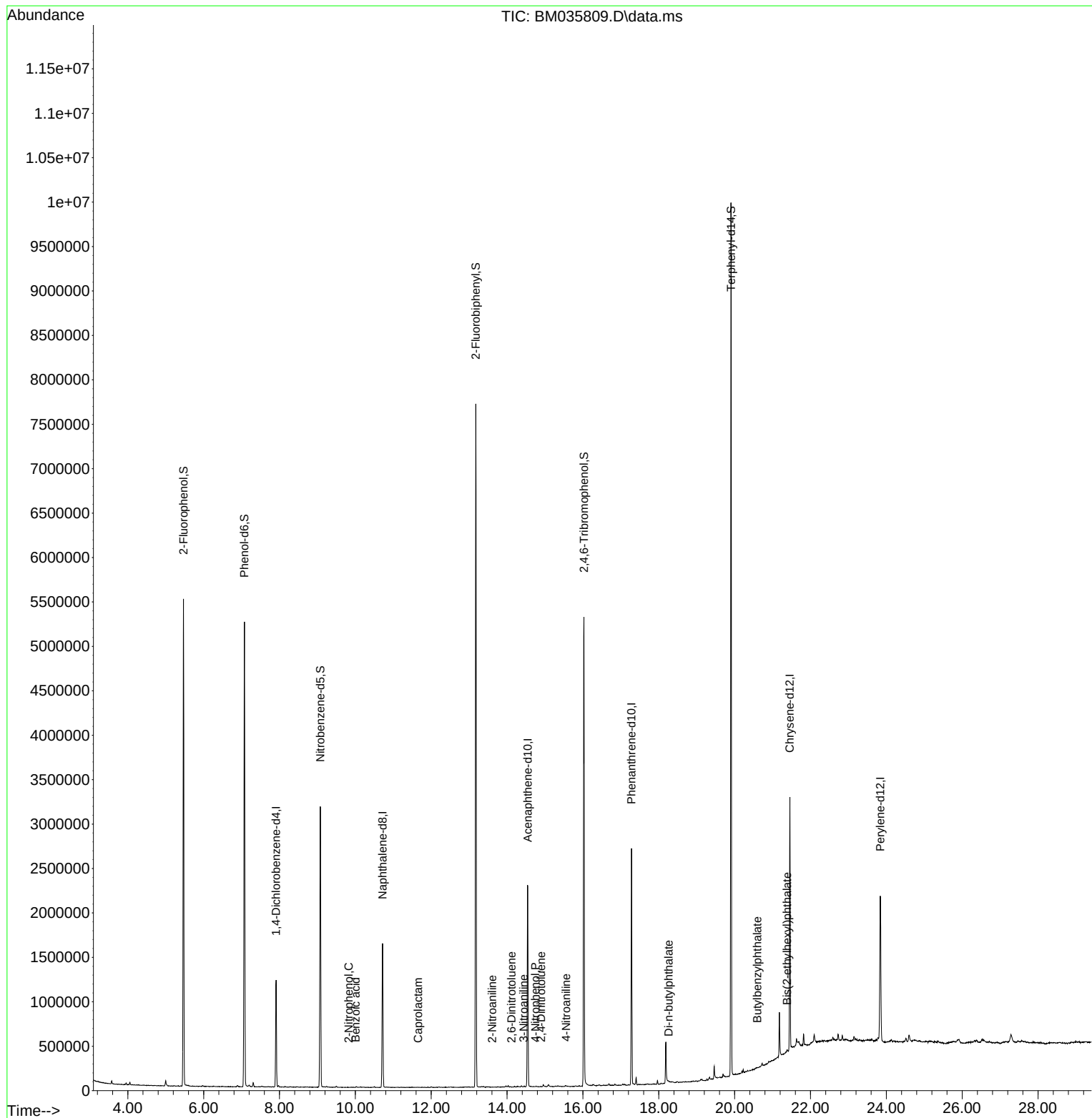
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	325722	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1345098	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	794649	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1501012	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1228752	20.000	ng	0.00
86) Perylene-d12	23.838	264	1204640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2332892	116.335	ng	0.00
7) Phenol-d6	7.075	99	2876993	114.696	ng	0.00
23) Nitrobenzene-d5	9.075	82	1744134	74.127	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	1004980	124.537	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	3730647	65.473	ng	0.00
79) Terphenyl-d14	19.903	244	4609115	72.815	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.822	139	129	4.586	ng	# 1
32) Benzoic acid	10.010	122	340	8.062	ng	# 3
35) Caprolactam	11.657	113	143	5.121	ng	# 1
48) 2-Nitroaniline	13.610	65	197	3.611	ng	# 22
51) 2,6-Dinitrotoluene	14.116	165	499	2.338	ng	# 50
53) 3-Nitroaniline	14.439	138	73	2.674	ng	# 97
56) 4-Nitrophenol	14.745	139	249	4.073	ng	# 1
57) 2,4-Dinitrotoluene	14.898	165	763	3.385	ng	# 71
62) 4-Nitroaniline	15.557	138	55	2.804	ng	# 1
74) Di-n-butylphthalate	18.256	149	4241	2.312	ng	# 89
80) Butylbenzylphthalate	20.597	149	737	4.185	ng	# 30
84) Bis(2-ethylhexyl)phtha...	21.386	149	10984	3.483	ng	# 86

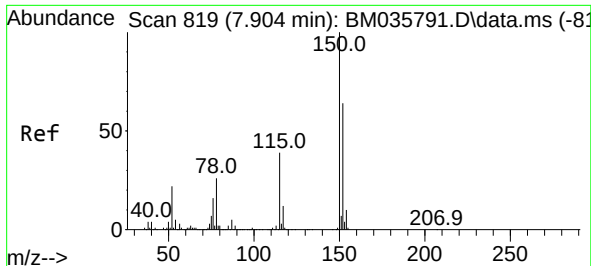
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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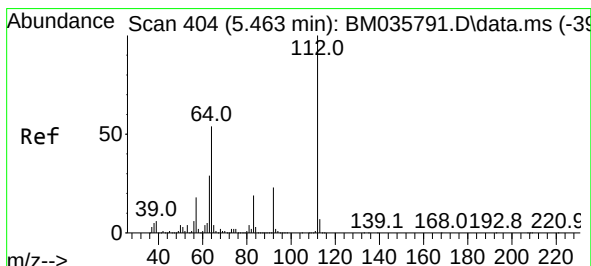
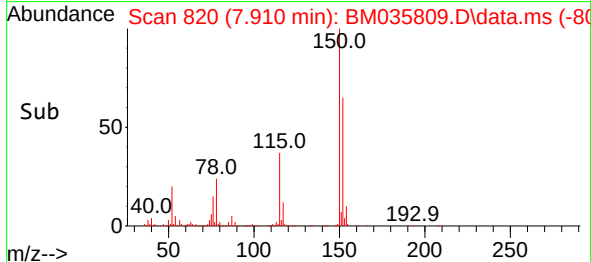
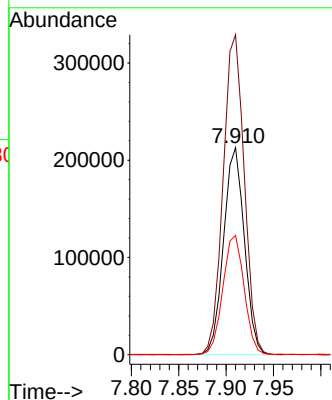
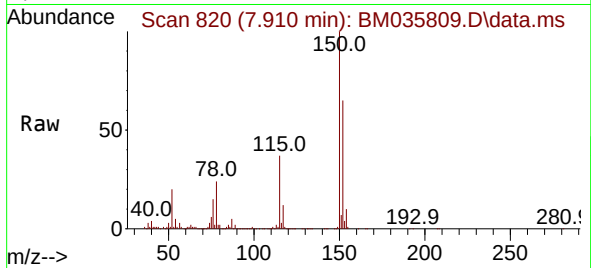




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 819
Delta R.T. 0.006 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

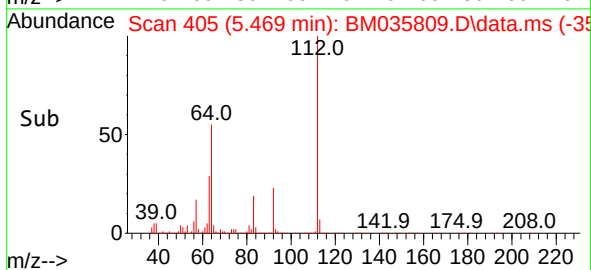
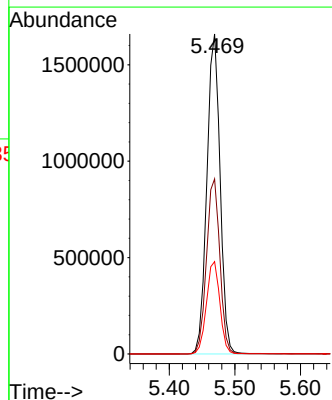
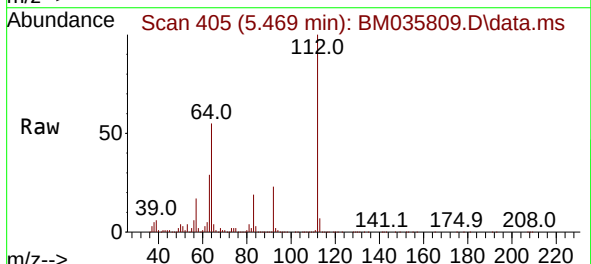
Instrument :
BNA_M
ClientSampleId :
SED-1A-(24-30)

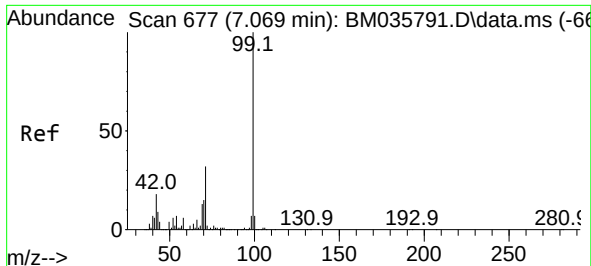
Tgt Ion:152 Resp: 325722
Ion Ratio Lower Upper
152 100
150 154.6 124.9 187.3
115 57.7 47.9 71.9



#5
2-Fluorophenol
Concen: 116.335 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

Tgt Ion:112 Resp: 2332892
Ion Ratio Lower Upper
112 100
64 54.7 47.8 71.6
63 28.8 26.6 40.0

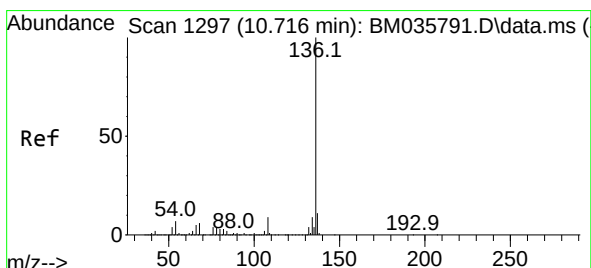
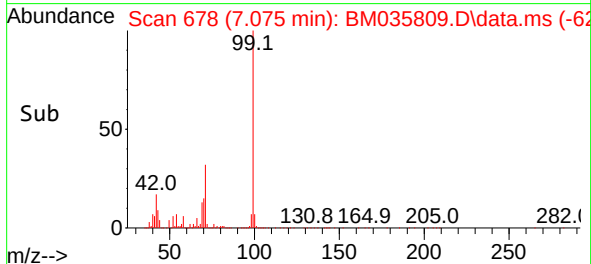
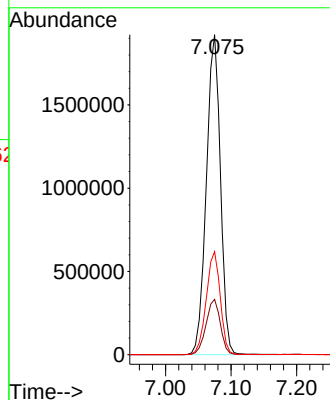
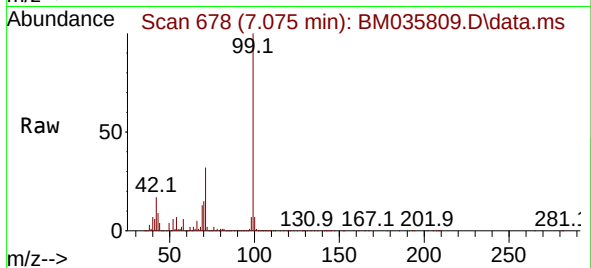




#7
Phenol-d6
Concen: 114.696 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

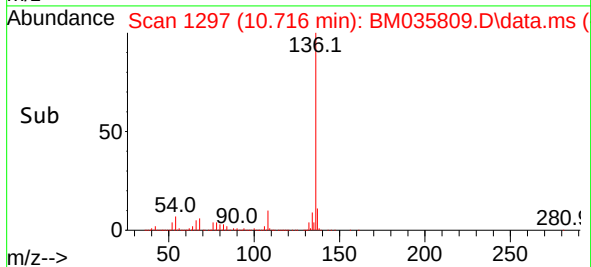
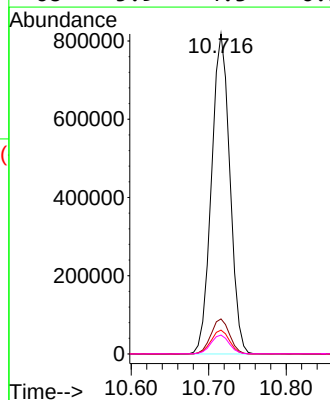
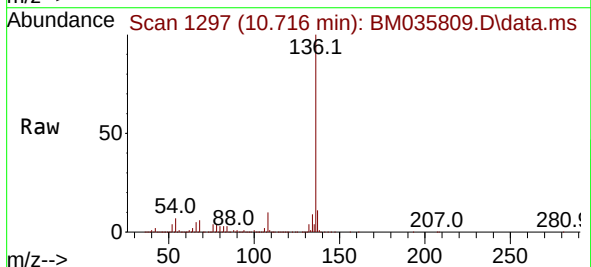
Instrument :
BNA_M
ClientSampleId :
SED-1A-(24-30)

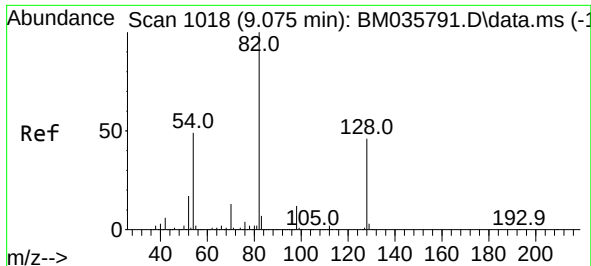
Tgt Ion: 99 Resp: 2876993
Ion Ratio Lower Upper
99 100
42 17.3 18.8 28.2#
71 32.2 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

Tgt Ion: 136 Resp: 1345098
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 7.0 10.4
68 5.9 4.3 6.5

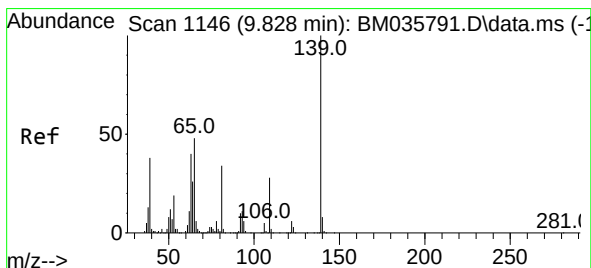
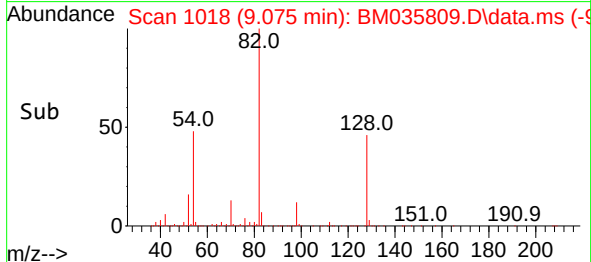
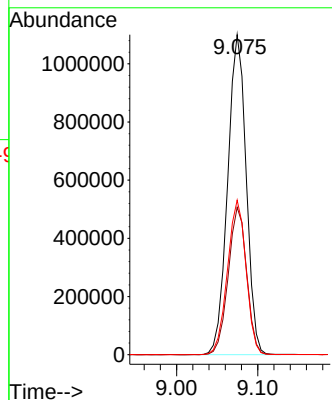
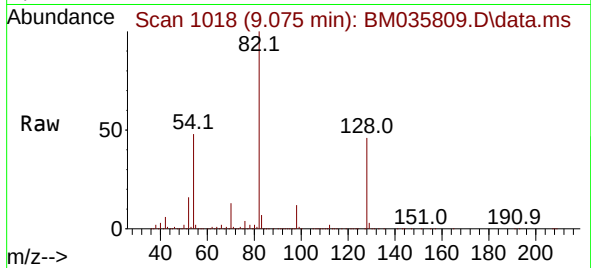




#23
Nitrobenzene-d5
Concen: 74.127 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

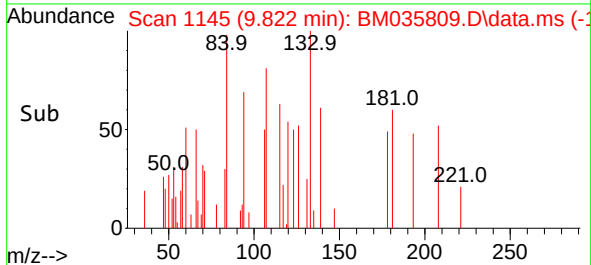
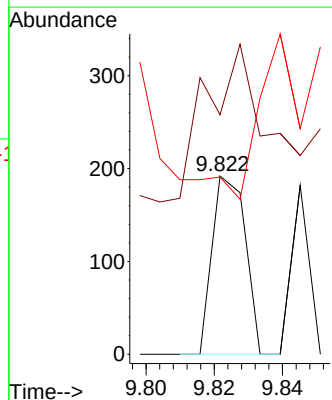
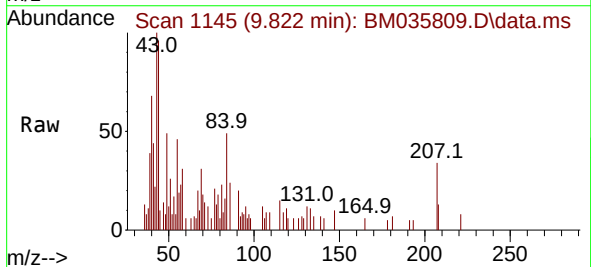
Instrument :
BNA_M
ClientSampleId :
SED-1A-(24-30)

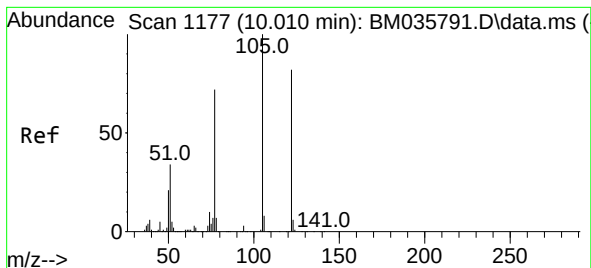
Tgt Ion: 82 Resp: 1744134
Ion Ratio Lower Upper
82 100
128 46.1 33.7 50.5
54 48.3 43.2 64.8



#26
2-Nitrophenol
Concen: 4.586 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

Tgt Ion:139 Resp: 129
Ion Ratio Lower Upper
139 100
109 134.4 25.6 38.4#
65 99.5 43.2 64.8#





#32

Benzoic acid

Concen: 8.062 ng

RT: 10.010 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BM035809.D

Acq: 14 Jul 2022 13:10

Instrument :

BNA_M

ClientSampleId :

SED-1A-(24-30)

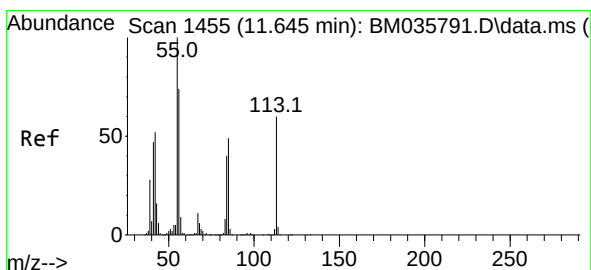
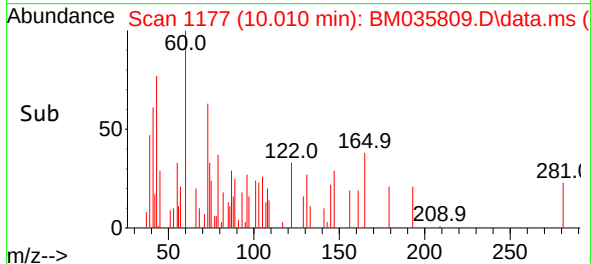
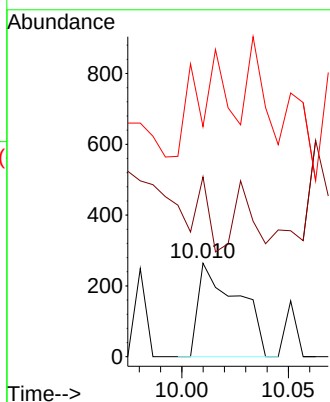
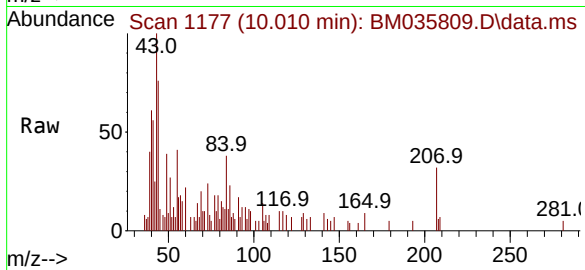
Tgt Ion:122 Resp: 340

Ion Ratio Lower Upper

122 100

105 192.4 105.7 145.7#

77 246.2 80.0 120.0#



#35

Caprolactam

Concen: 5.121 ng

RT: 11.657 min Scan# 1457

Delta R.T. 0.012 min

Lab File: BM035809.D

Acq: 14 Jul 2022 13:10

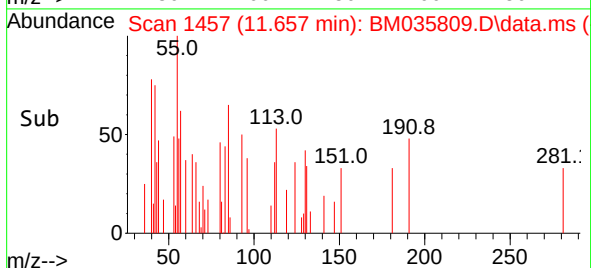
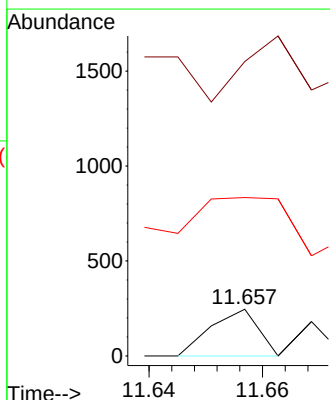
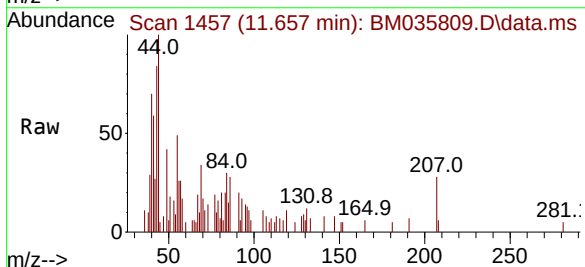
Tgt Ion:113 Resp: 143

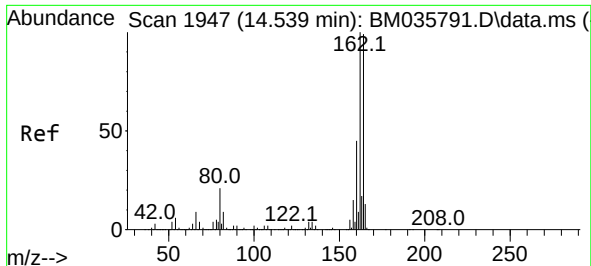
Ion Ratio Lower Upper

113 100

55 630.1 150.1 190.1#

56 339.0 111.7 151.7#

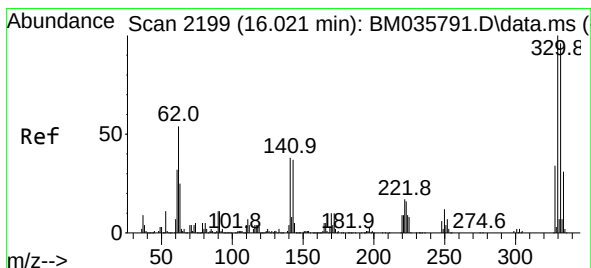
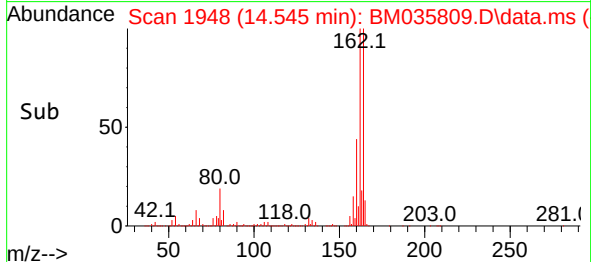
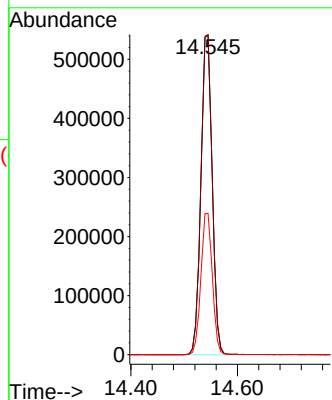
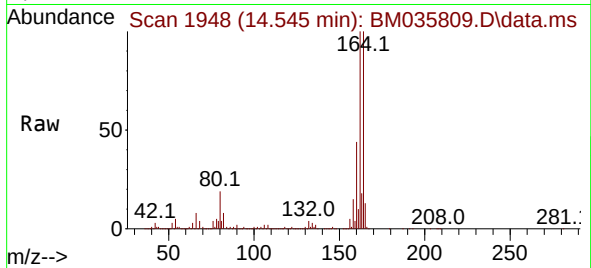




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

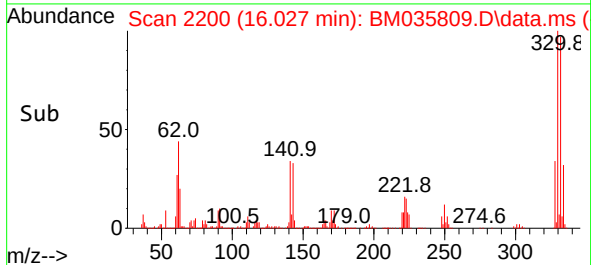
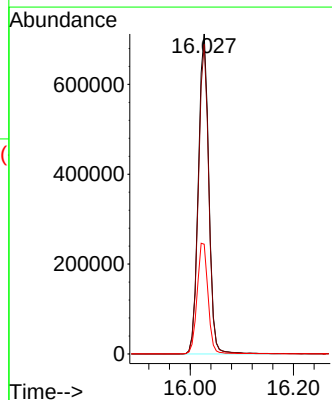
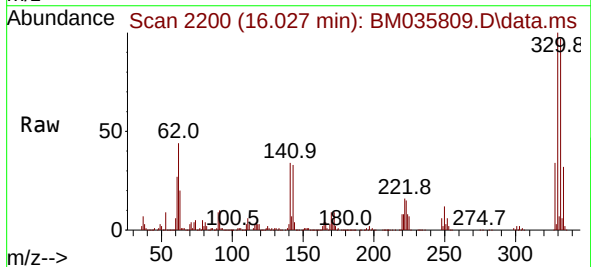
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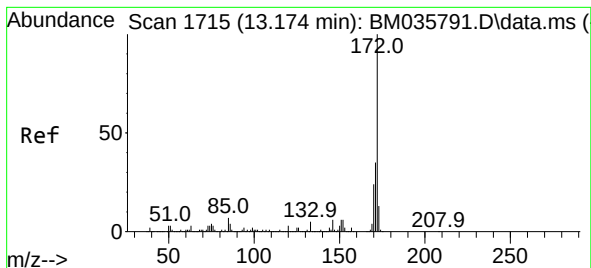
Tgt Ion:164 Resp: 794649
Ion Ratio Lower Upper
164 100
162 100.2 83.0 124.6
160 44.2 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 124.537 ng
RT: 16.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

Tgt Ion:330 Resp: 1004980
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 35.7 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 65.473 ng

RT: 13.174 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035809.D

Acq: 14 Jul 2022 13:10

Instrument :

BNA_M

ClientSampleId :

SED-1A-(24-30)

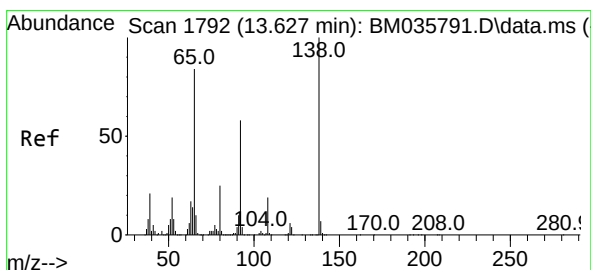
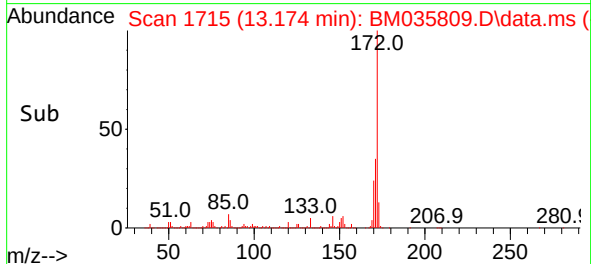
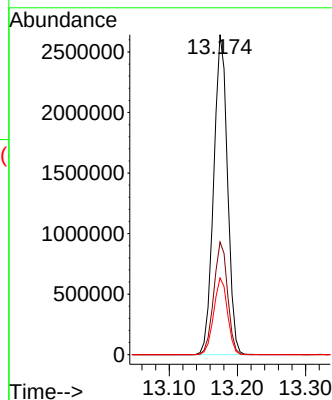
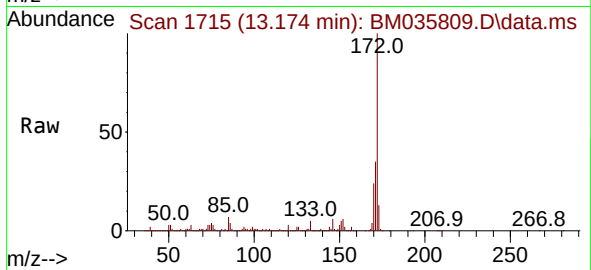
Tgt Ion:172 Resp: 3730647

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 24.0 18.7 28.1



#48

2-Nitroaniline

Concen: 3.611 ng

RT: 13.610 min Scan# 1789

Delta R.T. -0.017 min

Lab File: BM035809.D

Acq: 14 Jul 2022 13:10

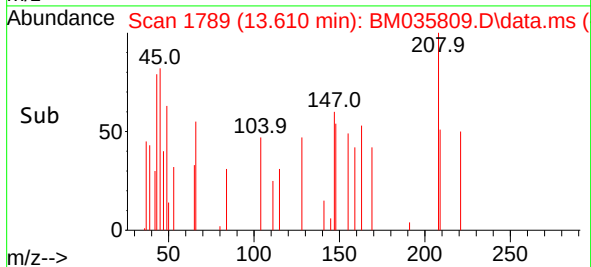
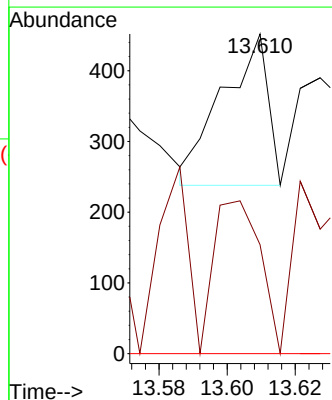
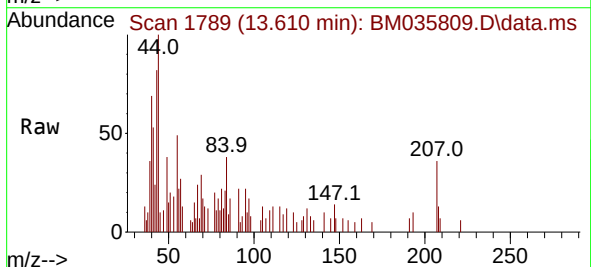
Tgt Ion: 65 Resp: 197

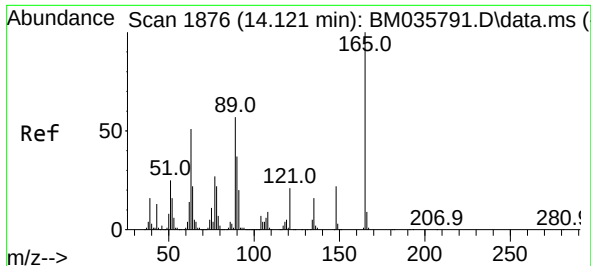
Ion Ratio Lower Upper

65 100

92 34.1 53.7 80.5#

138 0.0 83.9 125.9#

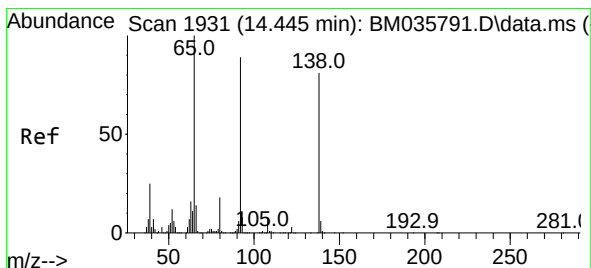
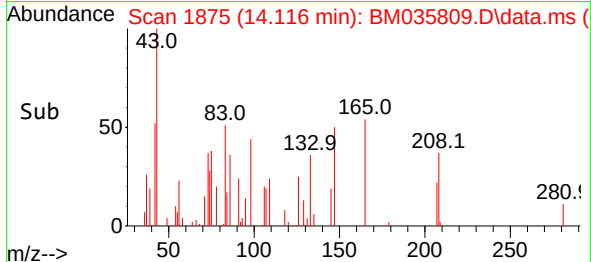
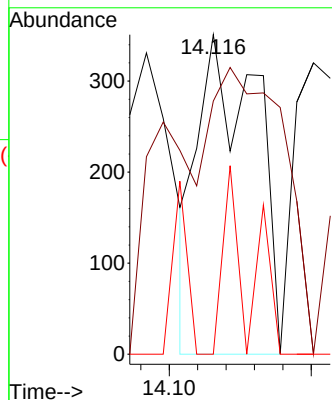
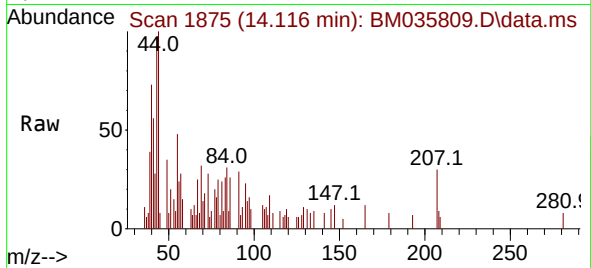




#51
2,6-Dinitrotoluene
Concen: 2.338 ng
RT: 14.116 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

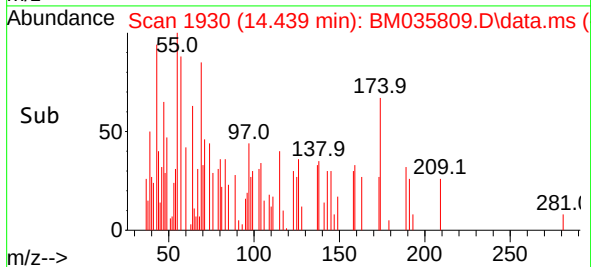
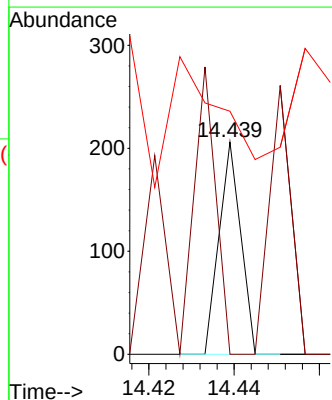
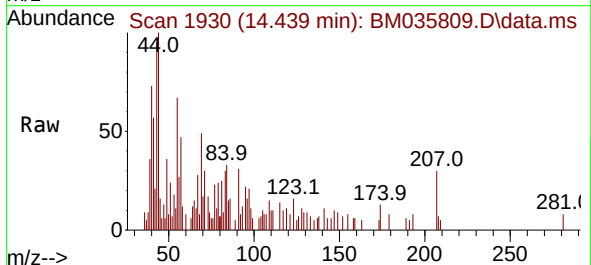
Instrument :
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SED-1A-(24-30)

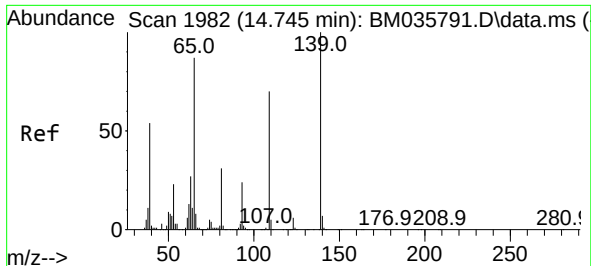
Tgt Ion:165 Resp: 499
Ion Ratio Lower Upper
165 100
63 79.2 50.2 75.2#
89 0.0 48.4 72.6#



#53
3-Nitroaniline
Concen: 2.674 ng
RT: 14.439 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

Tgt Ion:138 Resp: 73
Ion Ratio Lower Upper
138 100
108 0.0 8.7 13.1#
92 114.6 91.5 137.3

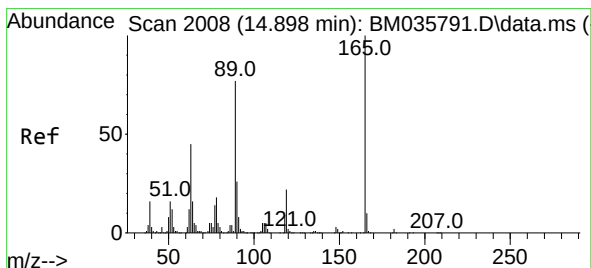
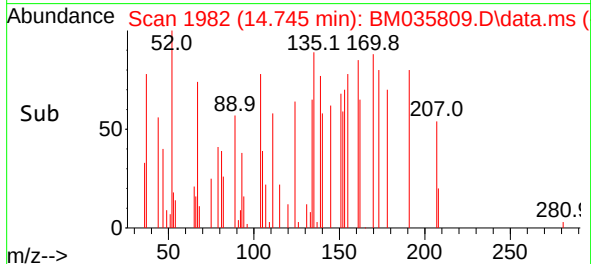
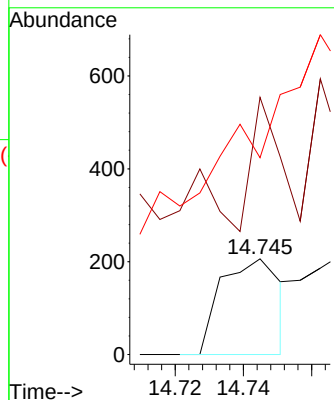
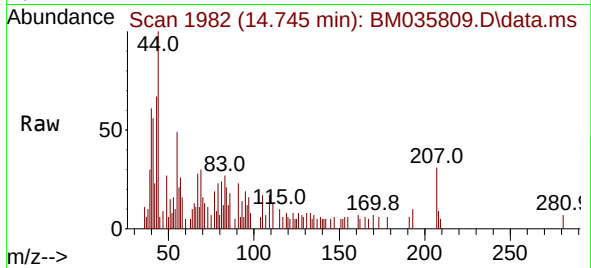




#56
4-Nitrophenol
Concen: 4.073 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

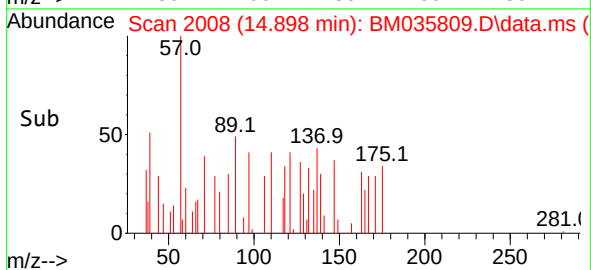
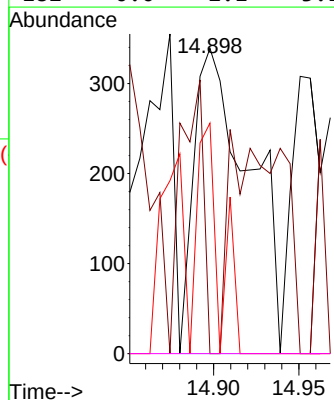
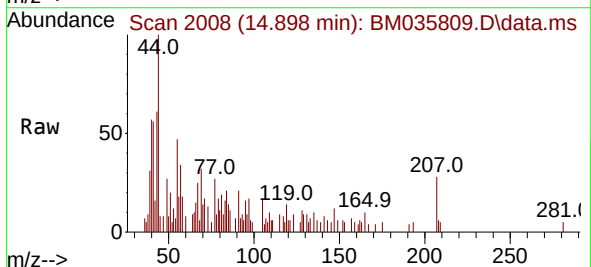
Instrument :
BNA_M
ClientSampleId :
SED-1A-(24-30)

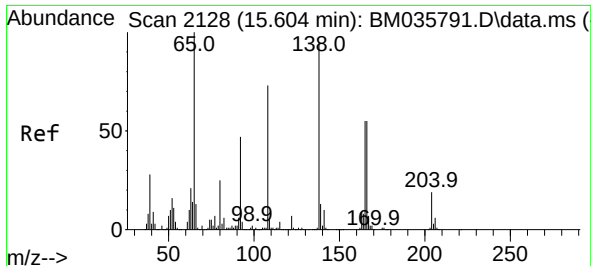
Tgt Ion:139 Resp: 249
Ion Ratio Lower Upper
139 100
109 268.9 62.5 102.5#
65 205.8 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 3.385 ng
RT: 14.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

Tgt Ion:165 Resp: 763
Ion Ratio Lower Upper
165 100
63 0.0 35.6 53.4#
89 75.5 57.3 85.9
182 0.0 2.1 3.1#

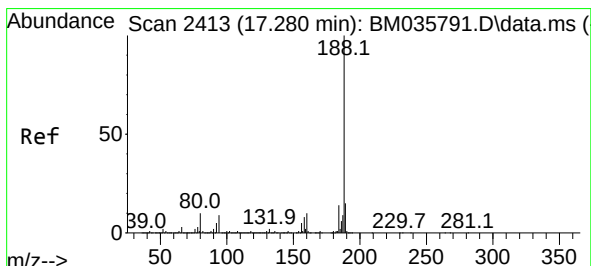
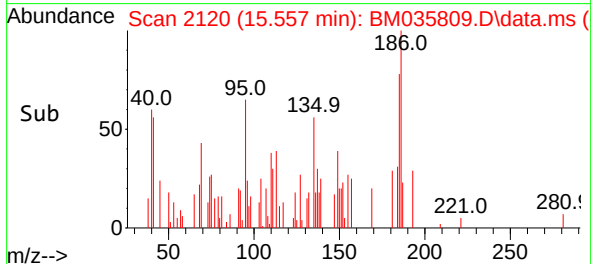
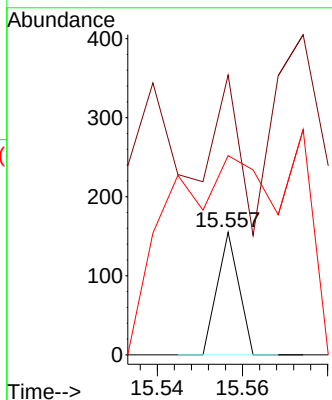
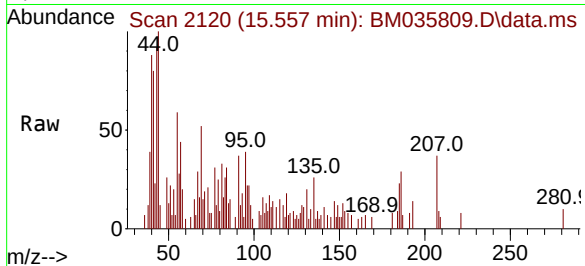




#62
4-Nitroaniline
Concen: 2.804 ng
RT: 15.557 min Scan# 2128
Delta R.T. -0.047 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

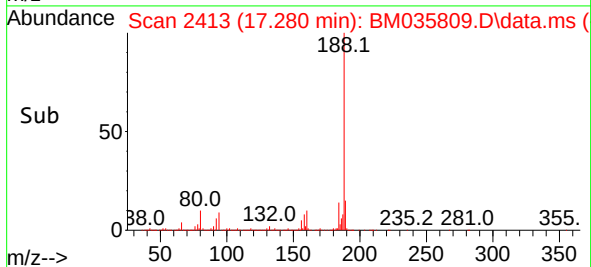
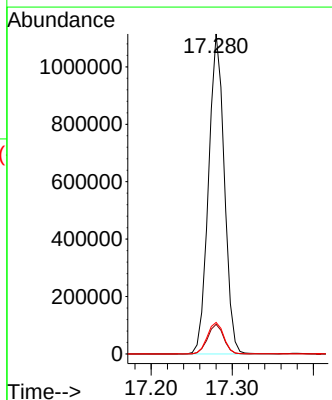
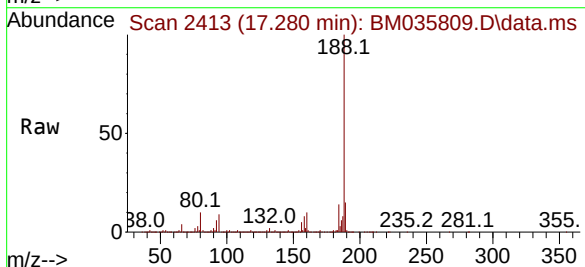
Instrument :
BNA_M
ClientSampleId :
SED-1A-(24-30)

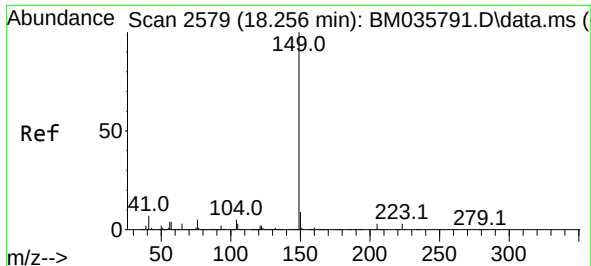
Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
92 228.4 30.8 70.8#
108 162.6 65.7 105.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

Tgt Ion:188 Resp: 1501012
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.9 7.6 11.4

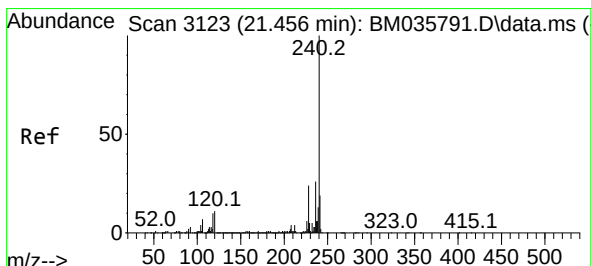
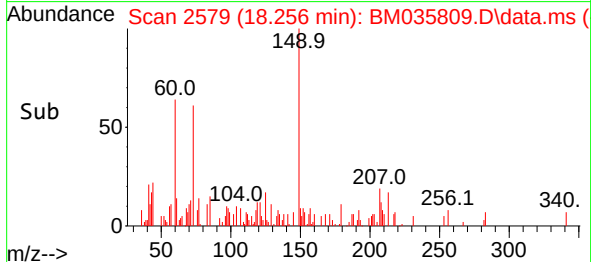
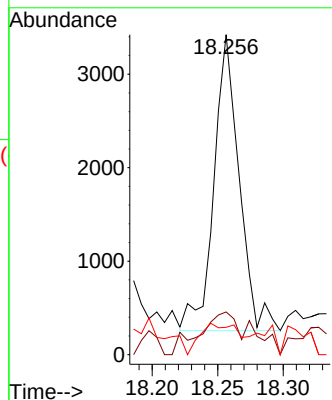
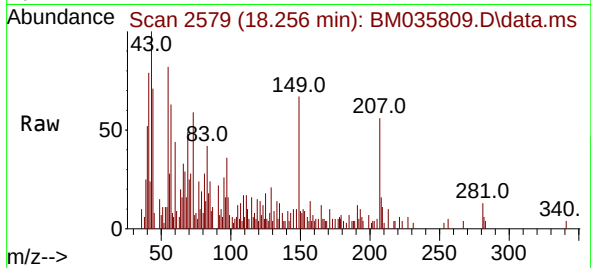




#74
Di-n-butylphthalate
Concen: 2.312 ng
RT: 18.256 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

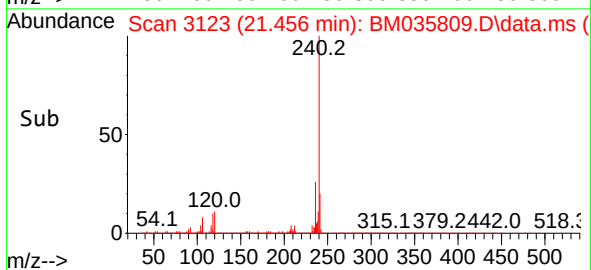
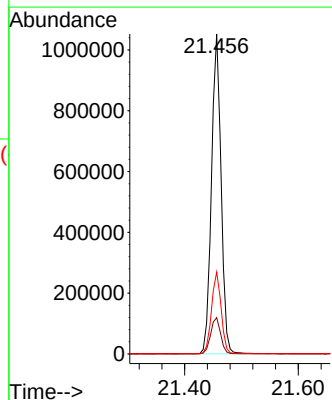
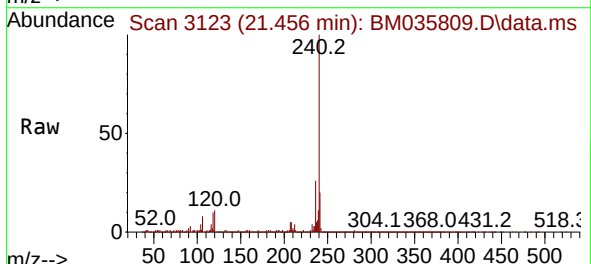
Instrument :
BNA_M
ClientSampleId :
SED-1A-(24-30)

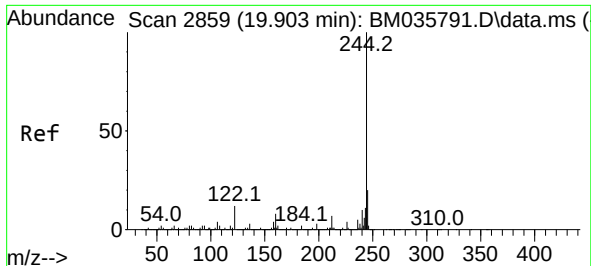
Tgt Ion:149 Resp: 4241
Ion Ratio Lower Upper
149 100
150 13.3 7.3 10.9#
104 8.5 4.3 6.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM035809.D
Acq: 14 Jul 2022 13:10

Tgt Ion:240 Resp: 1228752
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.0
236 25.6 20.6 30.8

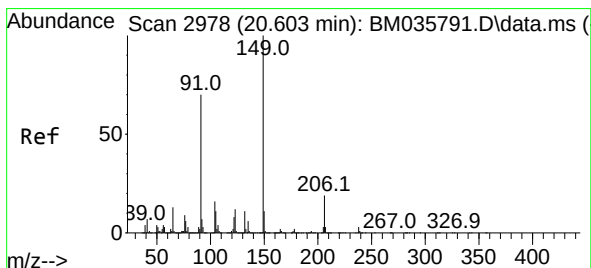
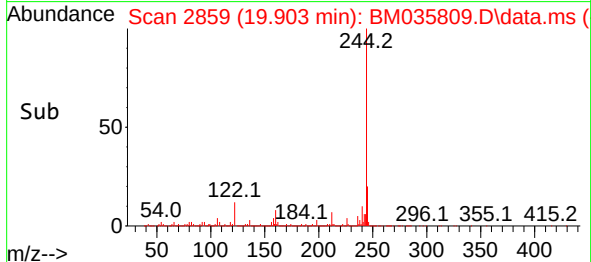
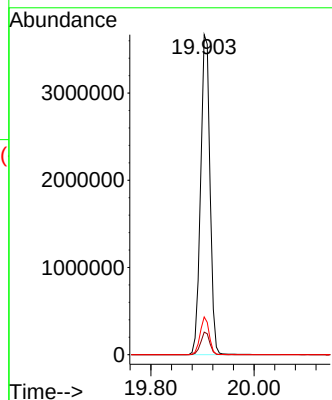
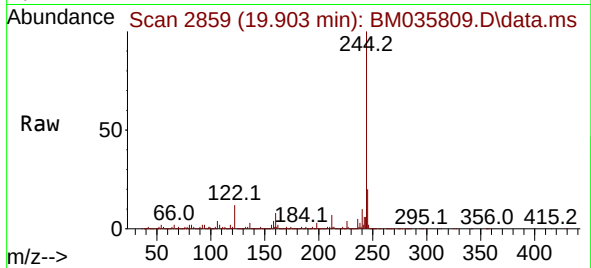




#79
 Terphenyl-d14
 Concen: 72.815 ng
 RT: 19.903 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035809.D
 Acq: 14 Jul 2022 13:10

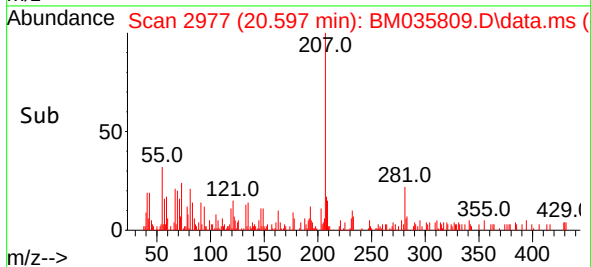
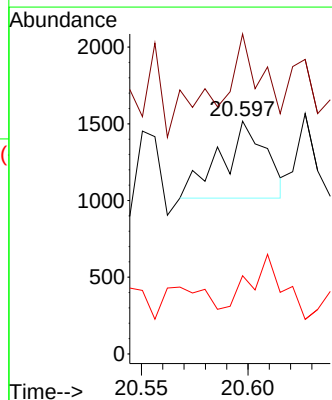
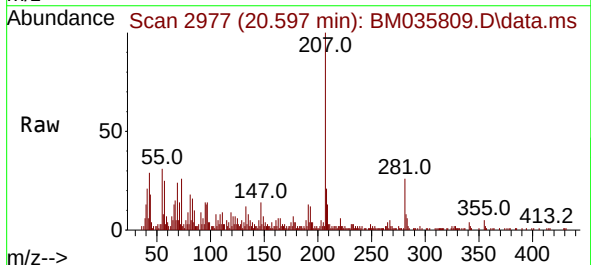
Instrument :
 BNA_M
 ClientSampleId :
 SED-1A-(24-30)

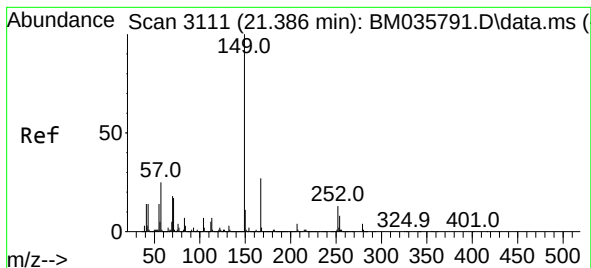
Tgt Ion:244 Resp: 4609115
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 11.8 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 4.185 ng
 RT: 20.597 min Scan# 2977
 Delta R.T. -0.006 min
 Lab File: BM035809.D
 Acq: 14 Jul 2022 13:10

Tgt Ion:149 Resp: 737
 Ion Ratio Lower Upper
 149 100
 91 137.5 56.6 85.0#
 206 33.6 15.4 23.0#

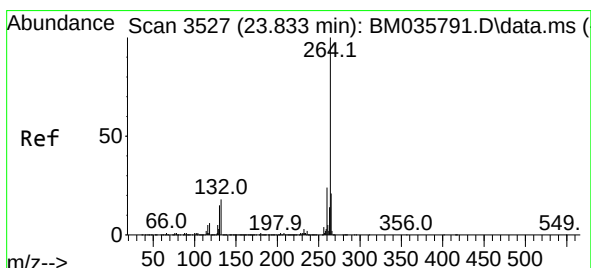
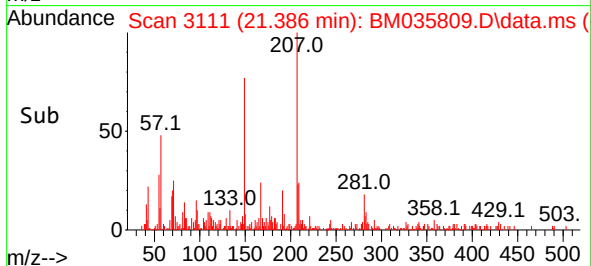
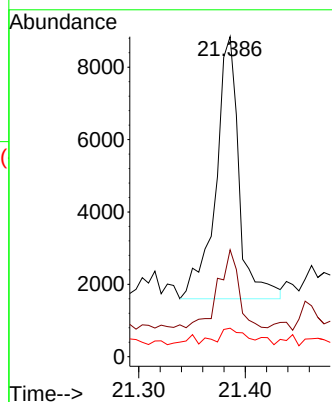
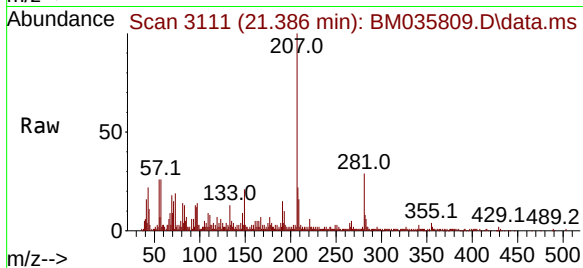




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.483 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BM035809.D
 Acq: 14 Jul 2022 13:10

Instrument :
 BNA_M
 ClientSampleId :
 SED-1A-(24-30)

Tgt Ion:149 Resp: 10984
 Ion Ratio Lower Upper
 149 100
 167 33.4 21.1 31.7#
 279 8.9 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: BM035809.D
 Acq: 14 Jul 2022 13:10

Tgt Ion:264 Resp: 1204640
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.0 17.5 26.3

