

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042423.D
 Acq On : 24 Oct 2023 17:17
 Operator : MA/JU
 Sample : 04917-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-B4-TW-101623

Quant Time: Oct 24 17:56:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

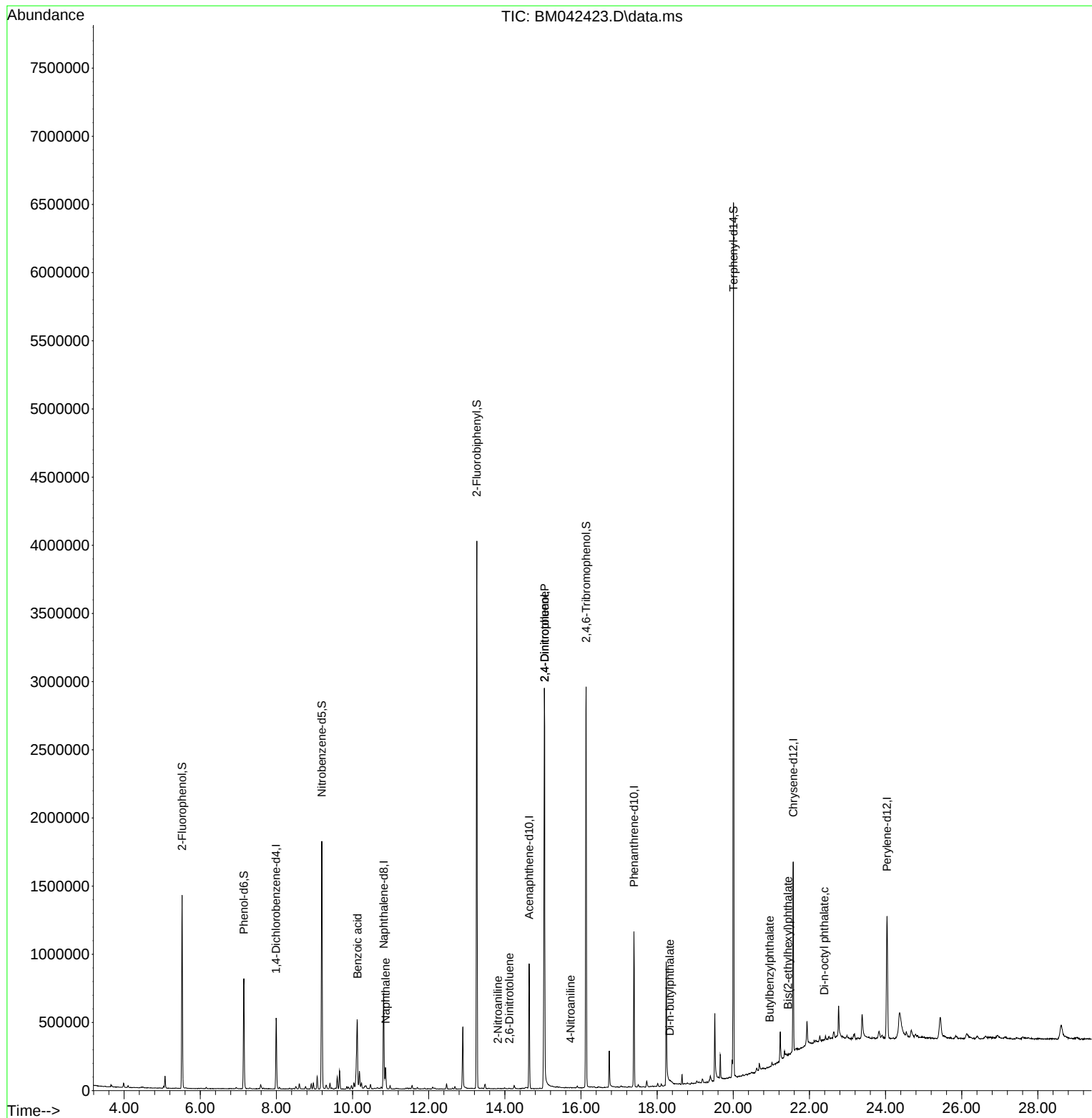
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	129037	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	514034	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	285553	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	623148	20.000	ng	0.00
76) Chrysene-d12	21.574	240	611152	20.000	ng	0.00
86) Perylene-d12	24.038	264	688394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	547001	59.912	ng	0.00
7) Phenol-d6	7.145	99	426324	34.843	ng	0.00
23) Nitrobenzene-d5	9.192	82	979289	84.243	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	478783	150.272	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1932713	91.143	ng	0.00
79) Terphenyl-d14	20.003	244	2830608	82.141	ng	0.00
Target Compounds						
					Qvalue	
31) Naphthalene	10.869	128	116711	4.420	ng	99
32) Benzoic acid	10.128	122	154	5.347	ng	# 1
48) 2-Nitroaniline	13.816	65	61	3.648	ng	# 13
51) 2,6-Dinitrotoluene	14.116	165	318	2.951	ng	# 10
54) 2,4-Dinitrophenol	15.045	184	152	8.215	ng	# 1
57) 2,4-Dinitrotoluene	15.045	165	354	4.115	ng	# 1
62) 4-Nitroaniline	15.727	138	151	3.827	ng	# 12
74) Di-n-butylphthalate	18.333	149	4705	2.928	ng	# 82
80) Butylbenzylphthalate	20.956	149	131	3.265	ng	94
84) Bis(2-ethylhexyl)phtha...	21.439	149	4440	3.519	ng	# 98
85) Di-n-octyl phthalate	22.386	149	272	4.224	ng	# 69

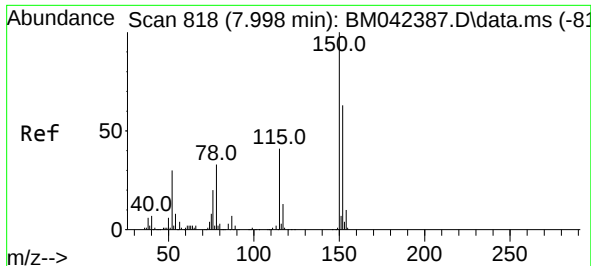
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042423.D
Acq On : 24 Oct 2023 17:17
Operator : MA/JU
Sample : 04917-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LSS-B4-TW-101623

Quant Time: Oct 24 17:56:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

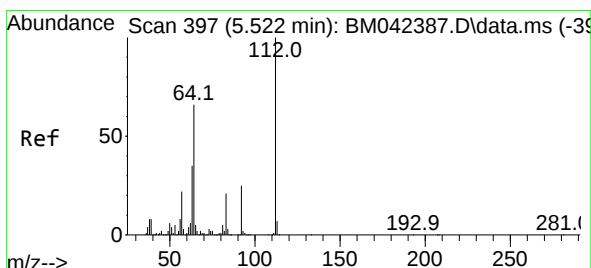
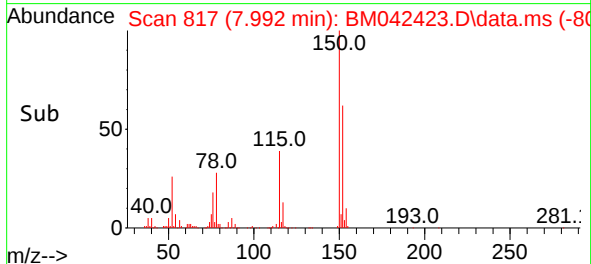
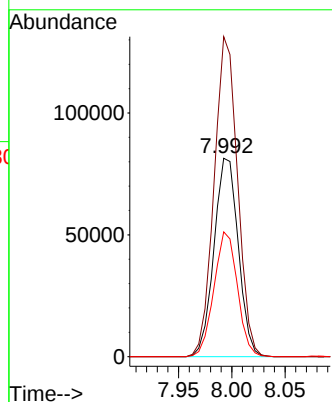
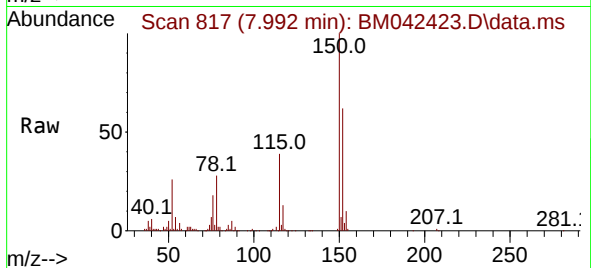




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.992 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM042423.D
 Acq: 24 Oct 2023 17:17

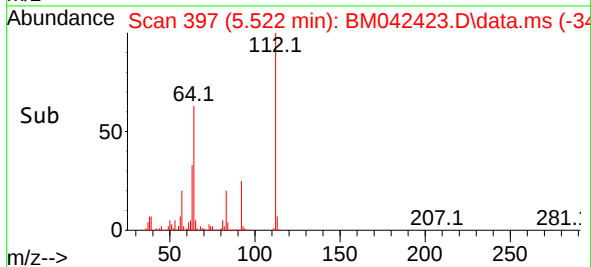
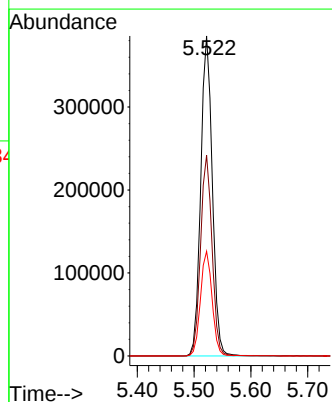
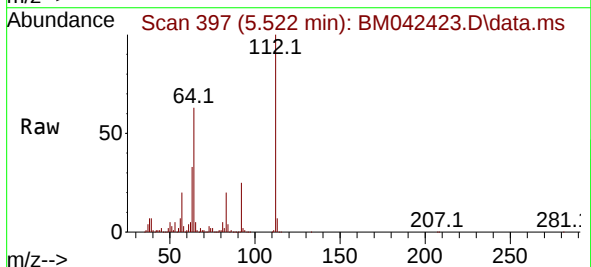
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B4-TW-101623

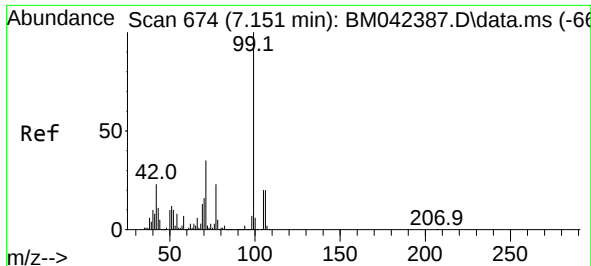
Tgt Ion:152 Resp: 129037
 Ion Ratio Lower Upper
 152 100
 150 161.3 126.2 189.4
 115 62.9 51.9 77.9



#5
 2-Fluorophenol
 Concen: 59.912 ng
 RT: 5.522 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: BM042423.D
 Acq: 24 Oct 2023 17:17

Tgt Ion:112 Resp: 547001
 Ion Ratio Lower Upper
 112 100
 64 62.7 52.7 79.1
 63 32.7 28.3 42.5

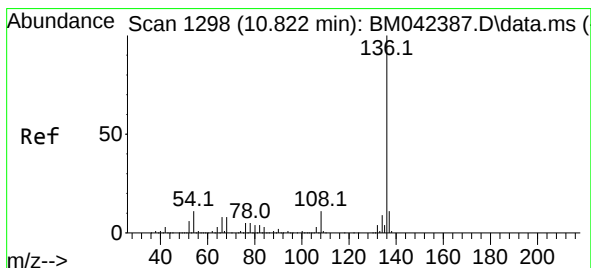
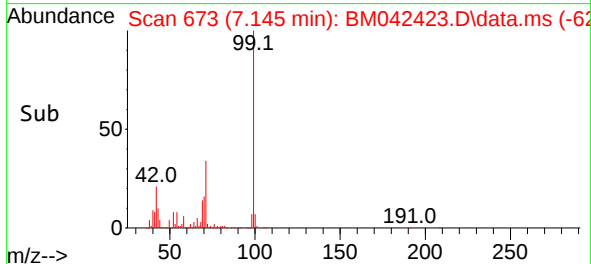
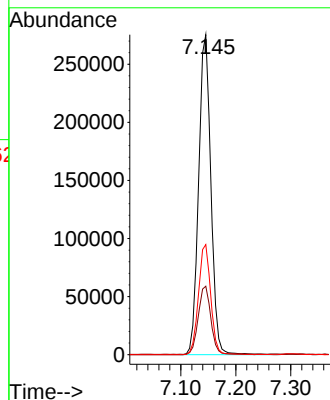
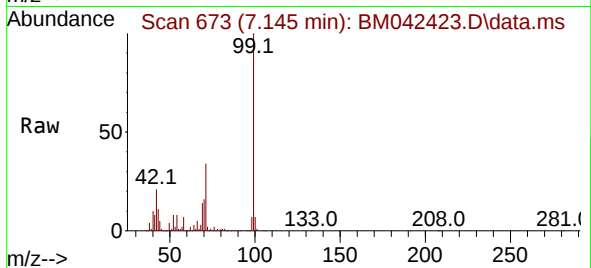




#7
Phenol-d6
Concen: 34.843 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042423.D
Acq: 24 Oct 2023 17:17

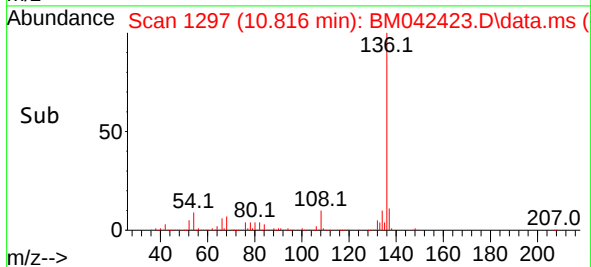
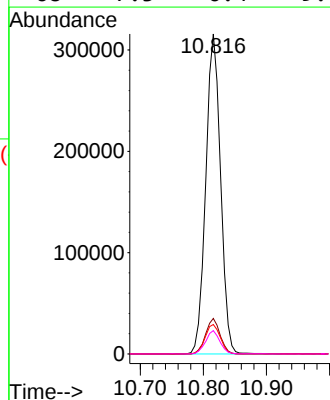
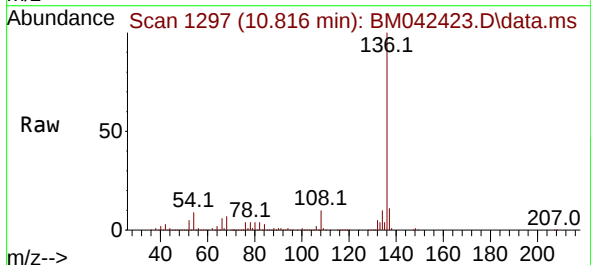
Instrument :
BNA_M
ClientSampleId :
LSS-B4-TW-101623

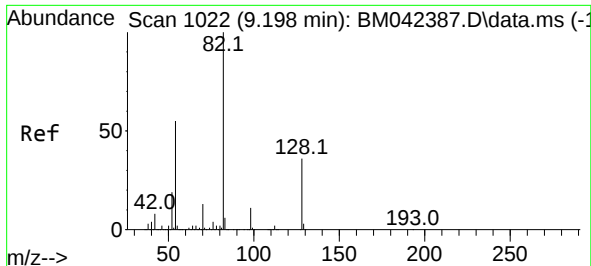
Tgt Ion: 99 Resp: 426324
Ion Ratio Lower Upper
99 100
42 21.4 18.5 27.7
71 34.4 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042423.D
Acq: 24 Oct 2023 17:17

Tgt Ion: 136 Resp: 514034
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 9.2 8.6 12.8
68 7.3 6.4 9.6

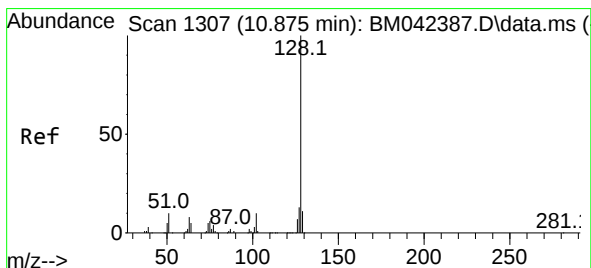
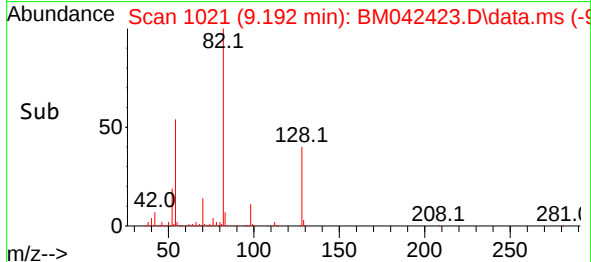
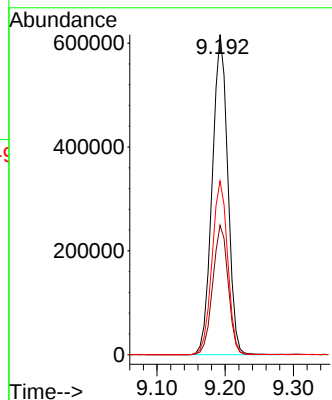
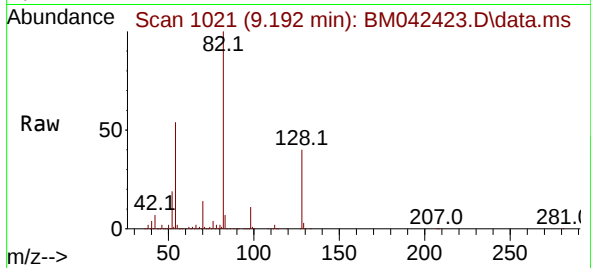




#23
Nitrobenzene-d5
Concen: 84.243 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042423.D
Acq: 24 Oct 2023 17:17

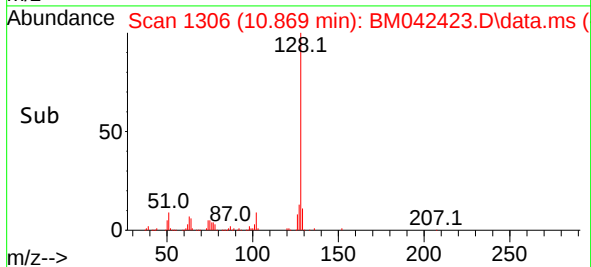
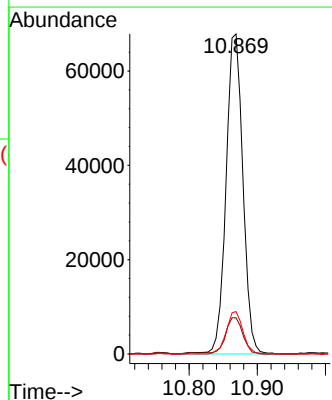
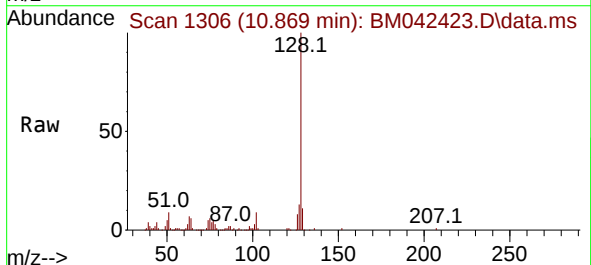
Instrument :
BNA_M
ClientSampleId :
LSS-B4-TW-101623

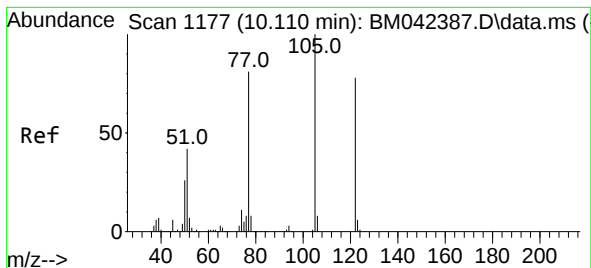
Tgt Ion: 82 Resp: 979289
Ion Ratio Lower Upper
82 100
128 40.5 29.0 43.6
54 54.2 43.7 65.5



#31
Naphthalene
Concen: 4.420 ng
RT: 10.869 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BM042423.D
Acq: 24 Oct 2023 17:17

Tgt Ion: 128 Resp: 116711
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.3 10.4 15.6





#32

Benzoic acid

Concen: 5.347 ng

RT: 10.128 min Scan# 1177

Delta R.T. 0.018 min

Lab File: BM042423.D

Acq: 24 Oct 2023 17:17

Instrument :

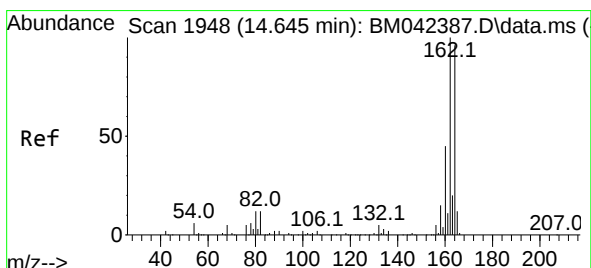
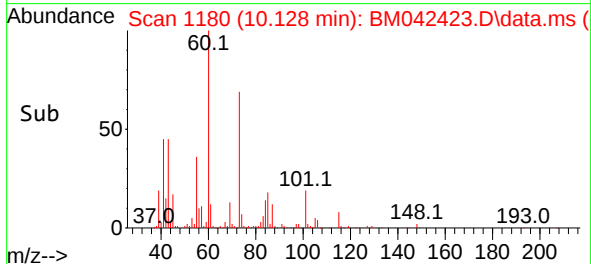
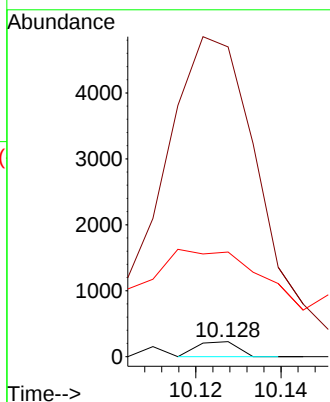
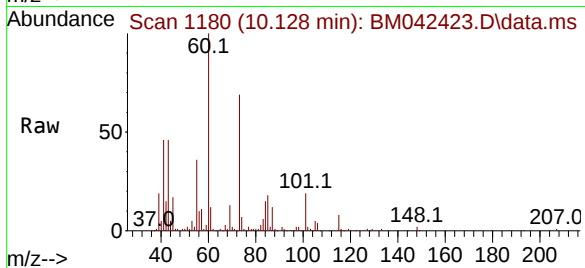
BNA_M

ClientSampleId :

LSS-B4-TW-101623

Tgt Ion:122 Resp: 154

Ion	Ratio	Lower	Upper
122	100		
105	2051.5	104.9	144.9#
77	692.6	83.4	123.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.639 min Scan# 1947

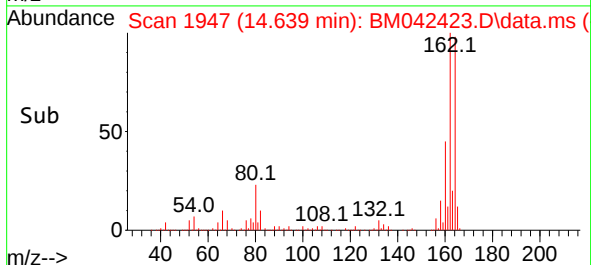
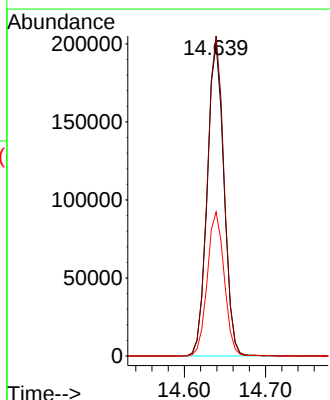
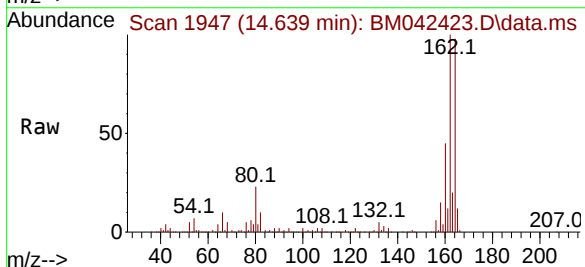
Delta R.T. -0.006 min

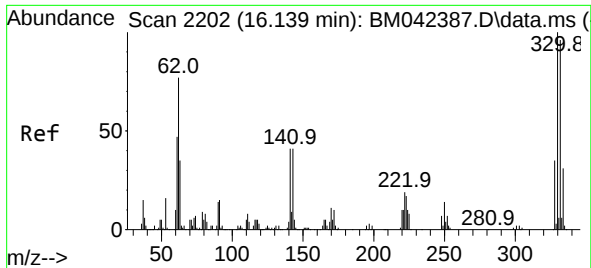
Lab File: BM042423.D

Acq: 24 Oct 2023 17:17

Tgt Ion:164 Resp: 285553

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.4
160	46.1	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 150.272 ng

RT: 16.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042423.D

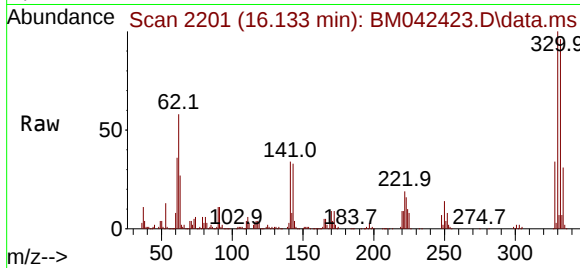
Acq: 24 Oct 2023 17:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-TW-101623



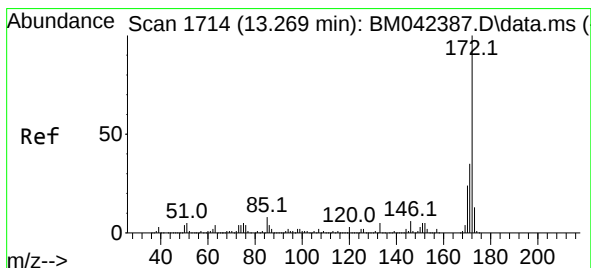
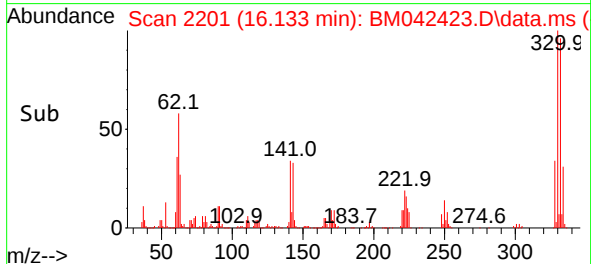
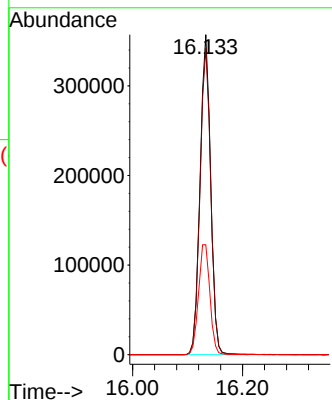
Tgt Ion:330 Resp: 478783

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 37.0 38.0 57.0#



#45

2-Fluorobiphenyl

Concen: 91.143 ng

RT: 13.263 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM042423.D

Acq: 24 Oct 2023 17:17

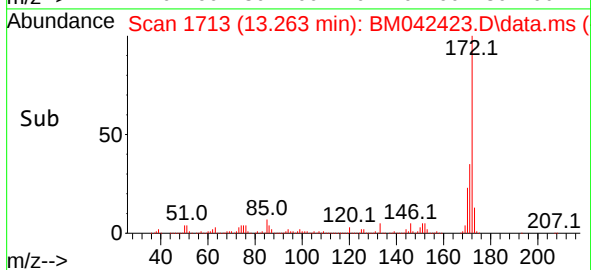
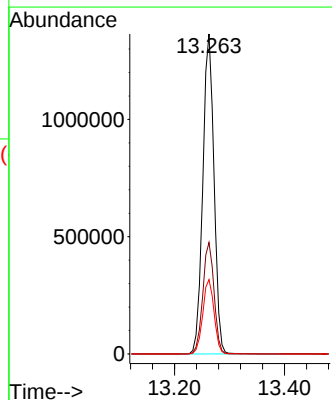
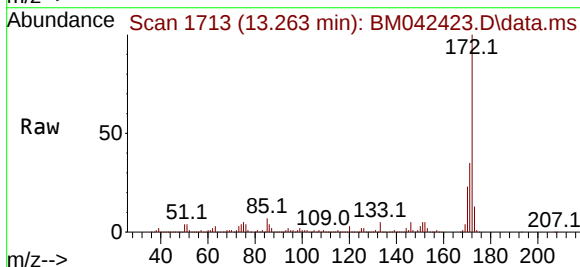
Tgt Ion:172 Resp: 1932713

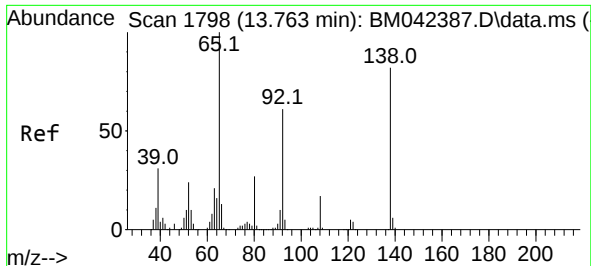
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.3 18.9 28.3

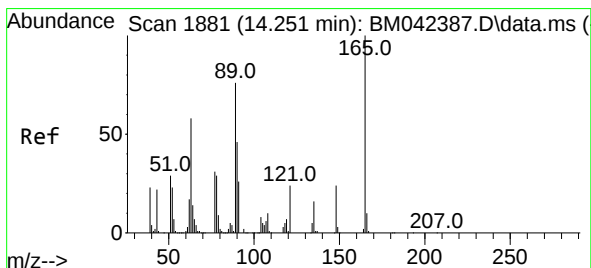
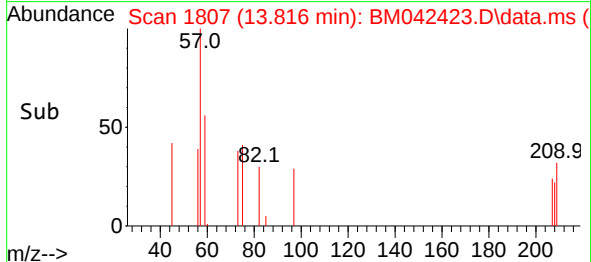
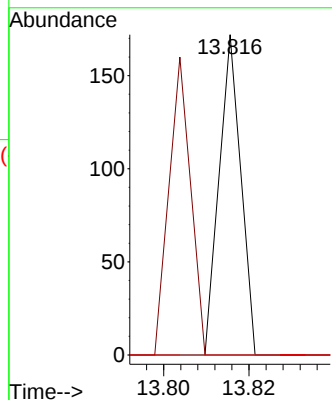
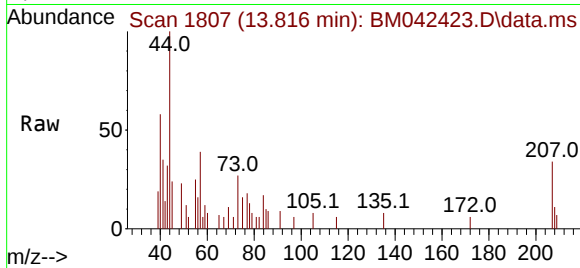




#48
2-Nitroaniline
Concen: 3.648 ng
RT: 13.816 min Scan# 11
Delta R.T. 0.053 min
Lab File: BM042423.D
Acq: 24 Oct 2023 17:17

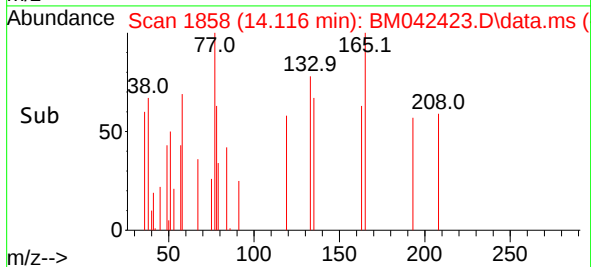
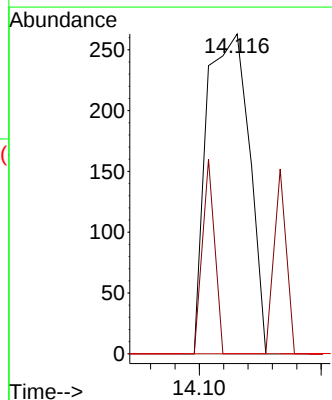
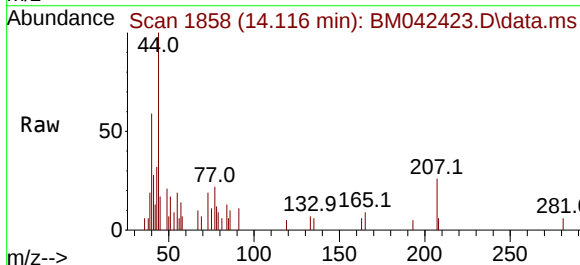
Instrument :
BNA_M
ClientSampleId :
LSS-B4-TW-101623

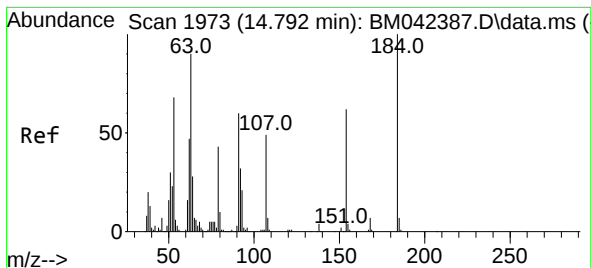
Tgt Ion: 65 Resp: 61
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 0.0 65.5 98.3#



#51
2,6-Dinitrotoluene
Concen: 2.951 ng
RT: 14.116 min Scan# 1858
Delta R.T. -0.135 min
Lab File: BM042423.D
Acq: 24 Oct 2023 17:17

Tgt Ion: 165 Resp: 318
Ion Ratio Lower Upper
165 100
63 0.0 65.3 97.9#
89 0.0 60.6 91.0#





#54

2,4-Dinitrophenol

Concen: 8.215 ng

RT: 15.045 min Scan# 2016

Delta R.T. 0.253 min

Lab File: BM042423.D

Acq: 24 Oct 2023 17:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-TW-101623

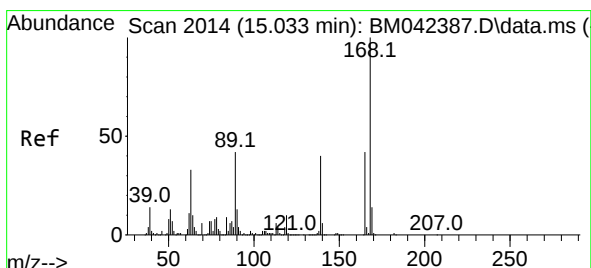
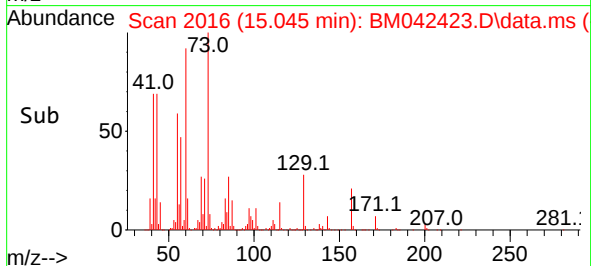
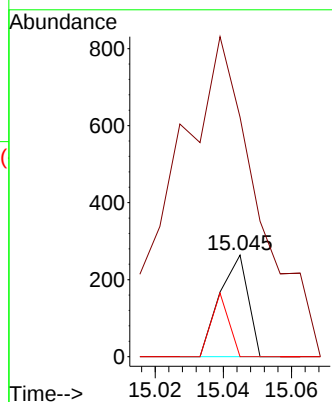
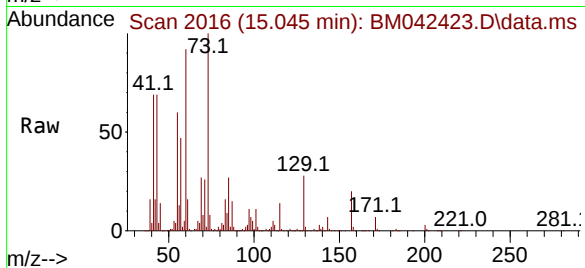
Tgt Ion:184 Resp: 152

Ion Ratio Lower Upper

184 100

63 235.6 72.2 108.2#

154 0.0 49.6 74.4#



#57

2,4-Dinitrotoluene

Concen: 4.115 ng

RT: 15.045 min Scan# 2016

Delta R.T. 0.012 min

Lab File: BM042423.D

Acq: 24 Oct 2023 17:17

Tgt Ion:165 Resp: 354

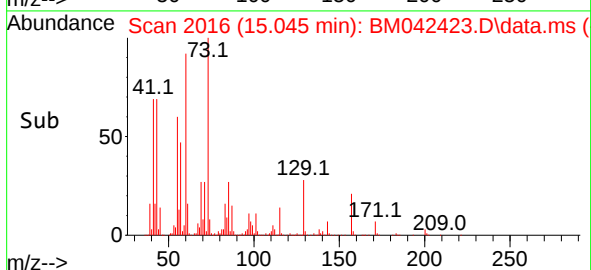
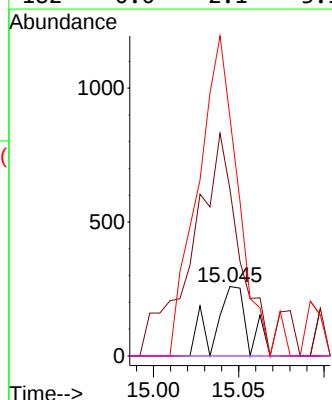
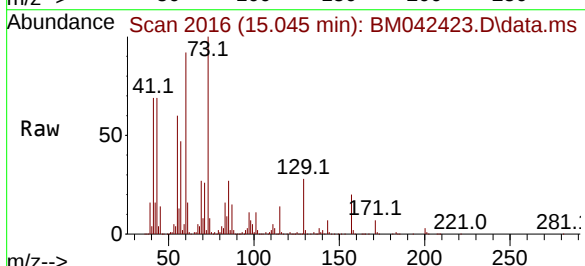
Ion Ratio Lower Upper

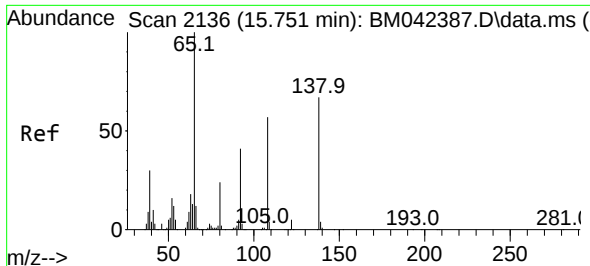
165 100

63 240.2 62.9 94.3#

89 343.6 80.2 120.2#

182 0.0 2.1 3.1#

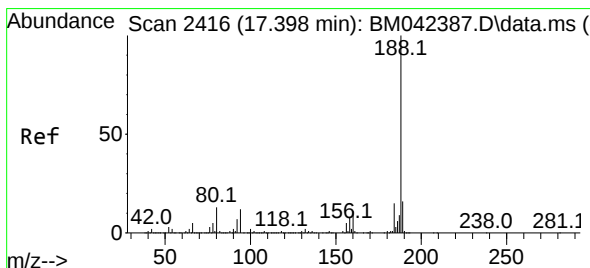
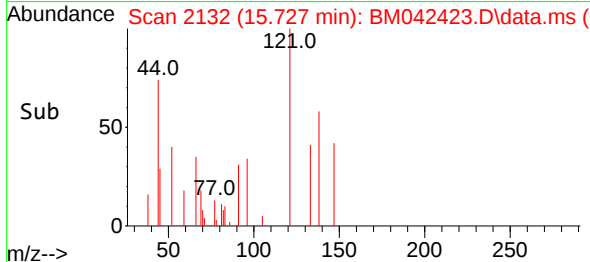
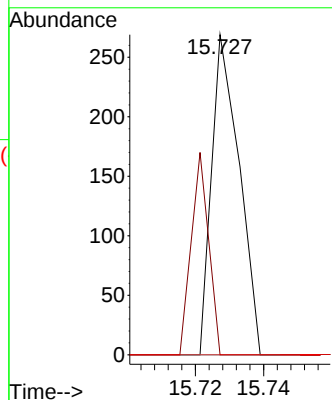
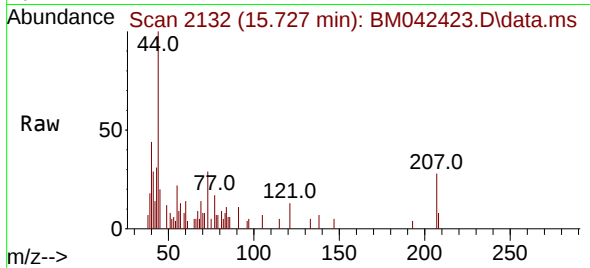




#62
4-Nitroaniline
Concen: 3.827 ng
RT: 15.727 min Scan# 2136
Delta R.T. -0.024 min
Lab File: BM042423.D
Acq: 24 Oct 2023 17:17

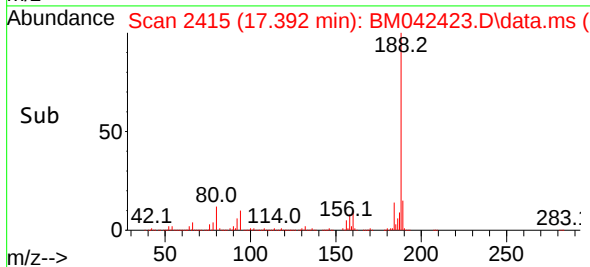
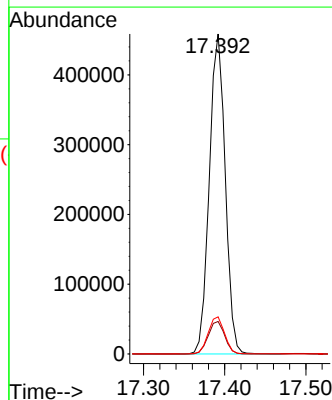
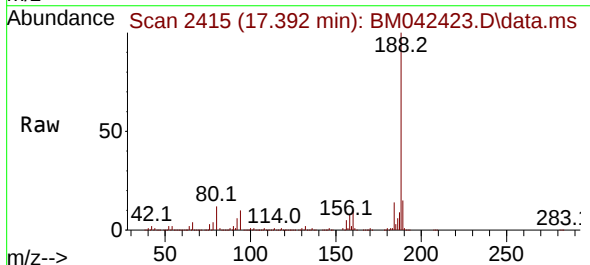
Instrument :
BNA_M
ClientSampleId :
LSS-B4-TW-101623

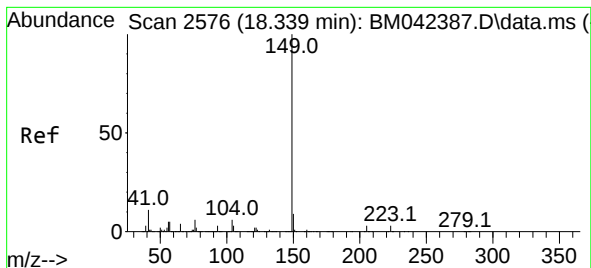
Tgt Ion:138 Resp: 151
Ion Ratio Lower Upper
138 100
92 0.0 40.4 80.4#
108 0.0 65.3 105.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042423.D
Acq: 24 Oct 2023 17:17

Tgt Ion:188 Resp: 623148
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.0
80 11.6 10.7 16.1





#74

Di-n-butylphthalate

Concen: 2.928 ng

RT: 18.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042423.D

Acq: 24 Oct 2023 17:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-TW-101623

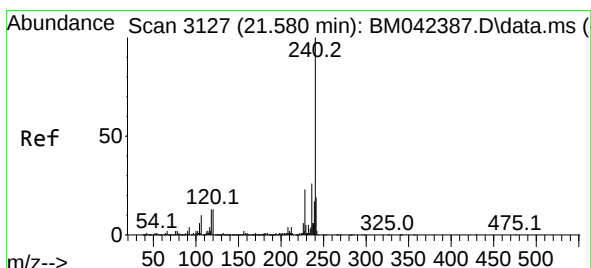
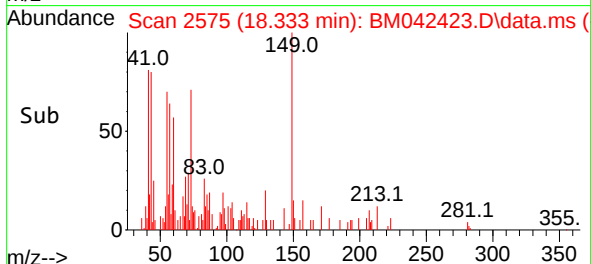
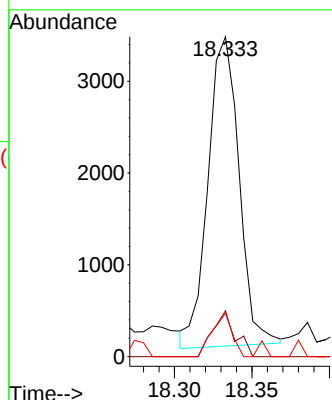
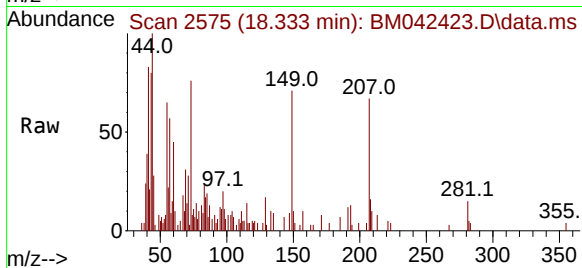
Tgt Ion:149 Resp: 4705

Ion Ratio Lower Upper

149 100

150 14.3 7.4 11.0#

104 13.5 4.6 7.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM042423.D

Acq: 24 Oct 2023 17:17

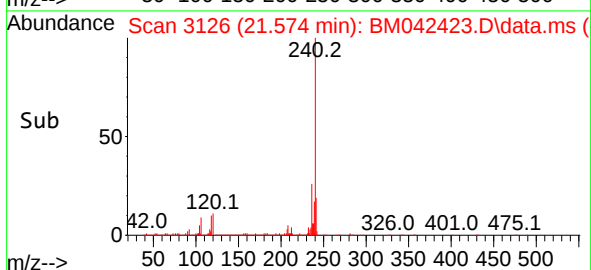
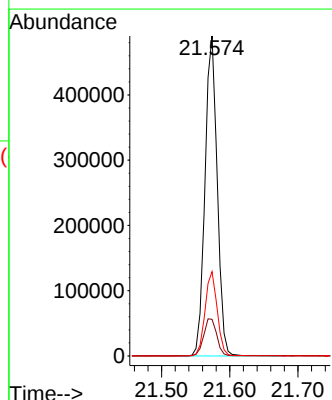
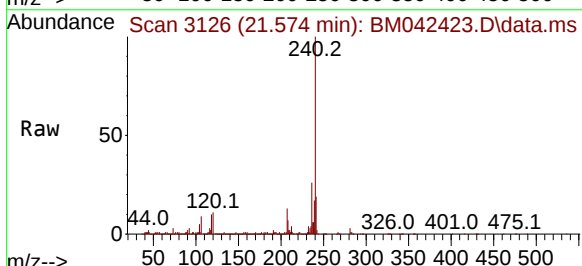
Tgt Ion:240 Resp: 611152

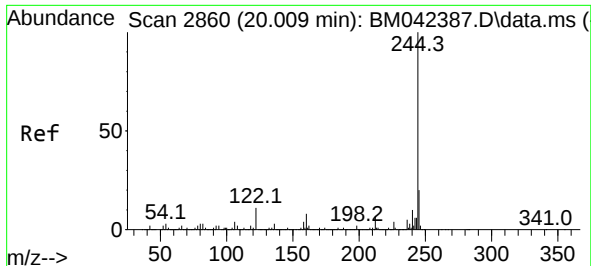
Ion Ratio Lower Upper

240 100

120 11.4 10.7 16.1

236 26.4 20.7 31.1

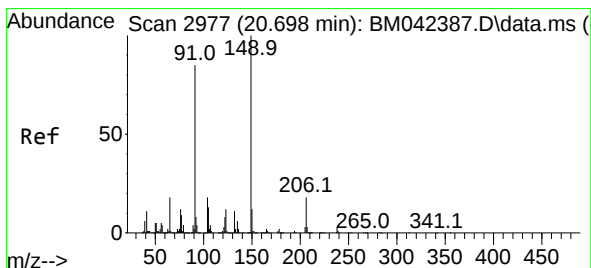
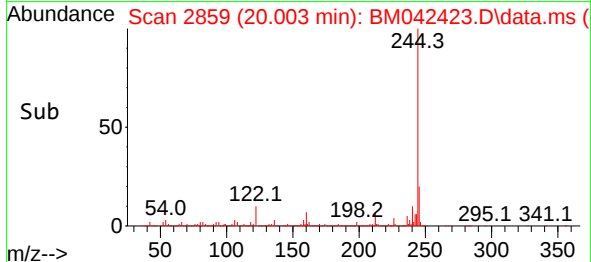
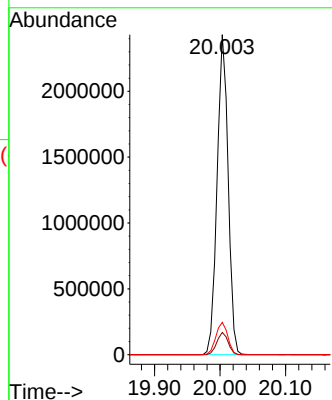
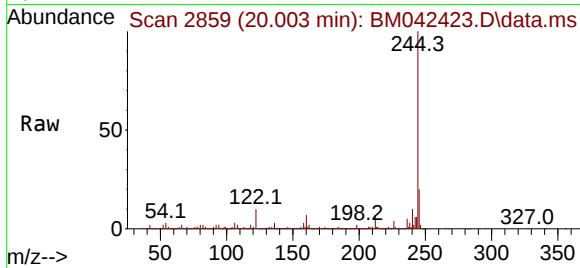




#79
 Terphenyl-d14
 Concen: 82.141 ng
 RT: 20.003 min Scan# 2
 Delta R.T. -0.006 min
 Lab File: BM042423.D
 Acq: 24 Oct 2023 17:17

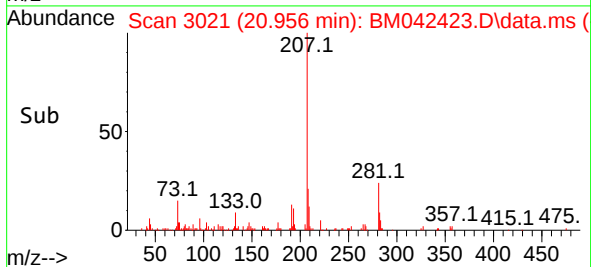
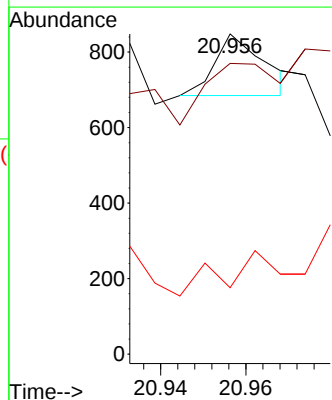
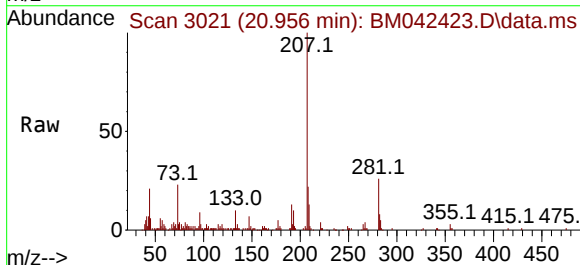
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B4-TW-101623

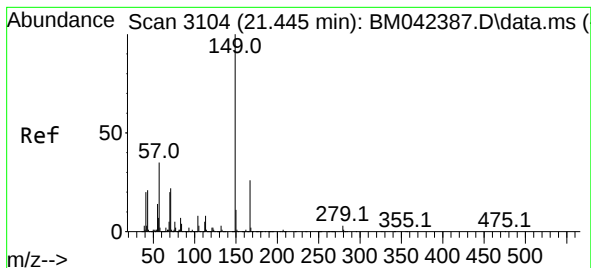
Tgt Ion:244 Resp: 2830608
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.265 ng
 RT: 20.956 min Scan# 3021
 Delta R.T. 0.258 min
 Lab File: BM042423.D
 Acq: 24 Oct 2023 17:17

Tgt Ion:149 Resp: 131
 Ion Ratio Lower Upper
 149 100
 91 90.8 68.3 102.5
 206 20.8 14.6 22.0

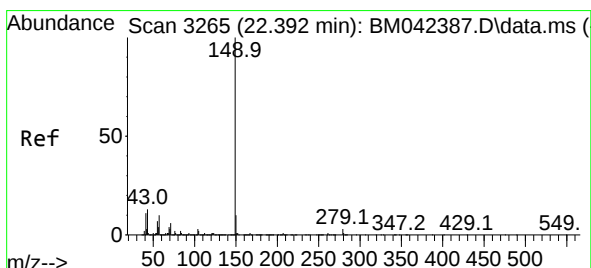
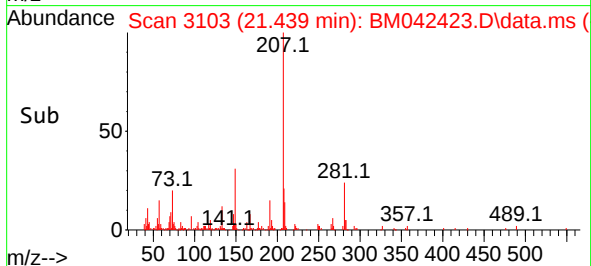
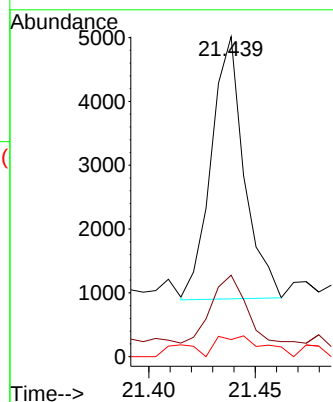
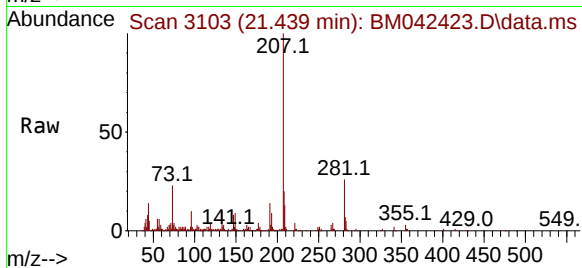




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.519 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM042423.D
Acq: 24 Oct 2023 17:17

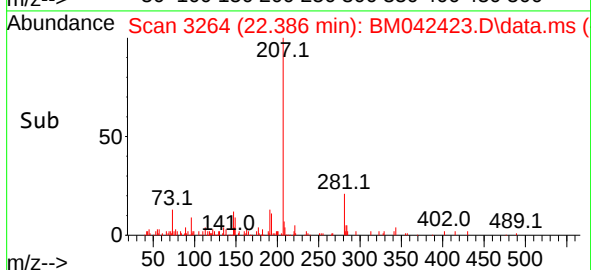
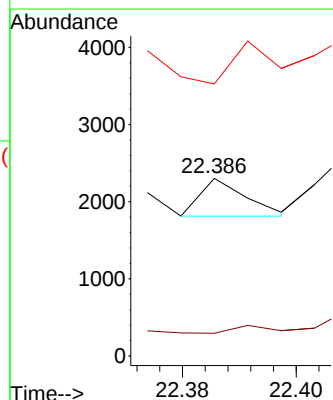
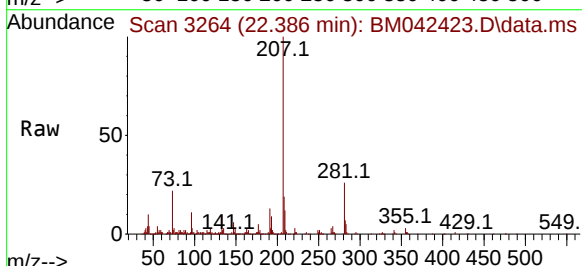
Instrument :
BNA_M
ClientSampleId :
LSS-B4-TW-101623

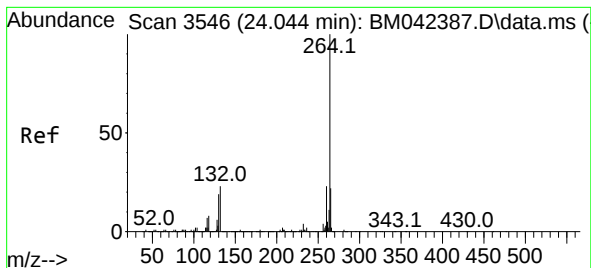
Tgt Ion:149 Resp: 4440
Ion Ratio Lower Upper
149 100
167 25.4 20.9 31.3
279 5.3 2.7 4.1#



#85
Di-n-octyl phthalate
Concen: 4.224 ng
RT: 22.386 min Scan# 3264
Delta R.T. -0.006 min
Lab File: BM042423.D
Acq: 24 Oct 2023 17:17

Tgt Ion:149 Resp: 272
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.038 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM042423.D

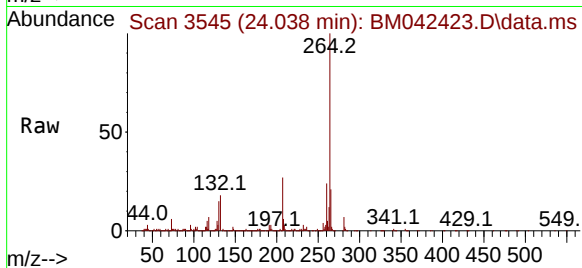
Acq: 24 Oct 2023 17:17

Instrument :

BNA_M

ClientSampleId :

LSS-B4-TW-101623



Tgt Ion:264 Resp: 688394

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.1 17.8 26.8

