

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042436.D
 Acq On : 25 Oct 2023 14:09
 Operator : MA/JU
 Sample : 04919-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-B5-COMP-101723

Quant Time: Oct 25 14:37:57 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)

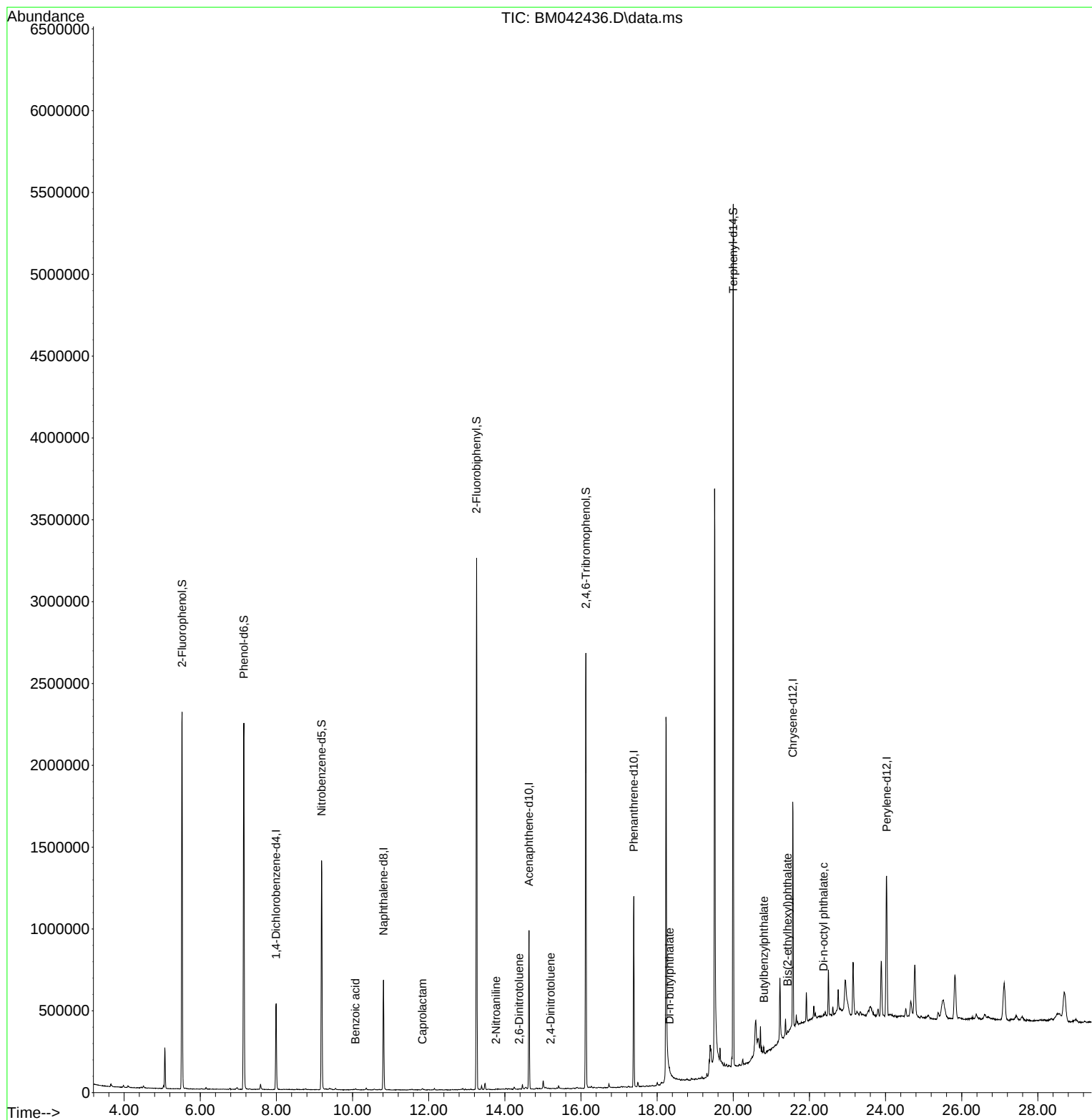
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	132973	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	511310	20.000	ng	-0.01
39) Acenaphthene-d10	14.633	164	298677	20.000	ng	-0.01
64) Phenanthrene-d10	17.386	188	649564	20.000	ng	-0.01
76) Chrysene-d12	21.562	240	630319	20.000	ng	-0.02
86) Perylene-d12	24.027	264	672867	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	929508	98.794	ng	0.00
7) Phenol-d6	7.145	99	1203288	95.433	ng	0.00
23) Nitrobenzene-d5	9.187	82	787407	68.097	ng	-0.01
42) 2,4,6-Tribromophenol	16.127	330	450192	136.023	ng	-0.01
45) 2-Fluorobiphenyl	13.257	172	1529151	68.943	ng	-0.01
79) Terphenyl-d14	19.998	244	2371257	66.719	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.075	122	106	5.340	ng	# 1
35) Caprolactam	11.833	113	685	6.147	ng	# 82
48) 2-Nitroaniline	13.769	65	54	3.646	ng	# 13
51) 2,6-Dinitrotoluene	14.374	165	63	2.899	ng	# 10
57) 2,4-Dinitrotoluene	15.204	165	253	4.098	ng	# 6
74) Di-n-butylphthalate	18.327	149	4601	2.922	ng	# 94
80) Butylbenzylphthalate	20.803	149	508	3.282	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.427	149	6416	3.579	ng	# 96
85) Di-n-octyl phthalate	22.368	149	506	4.228	ng	# 69

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

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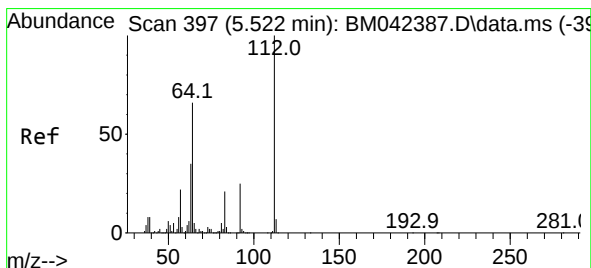
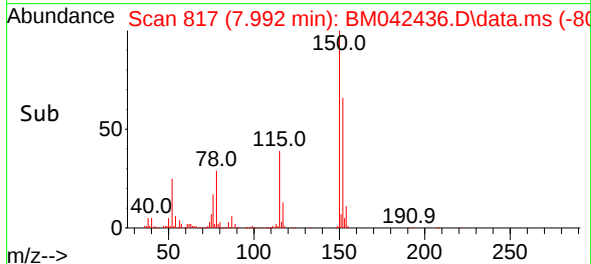
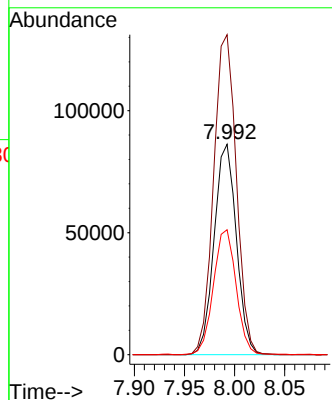
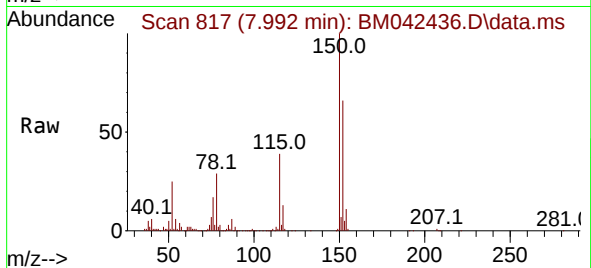




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

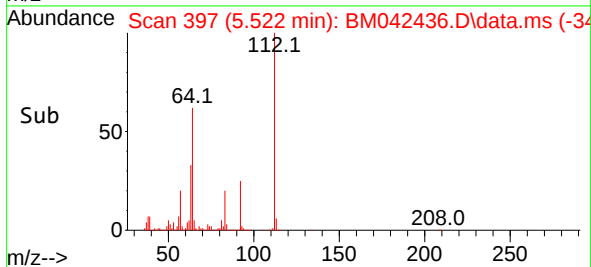
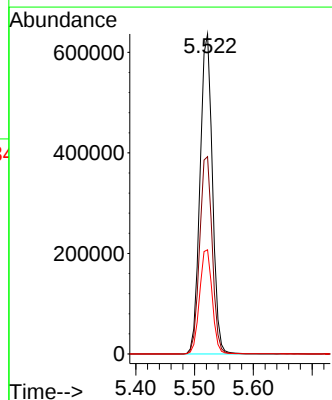
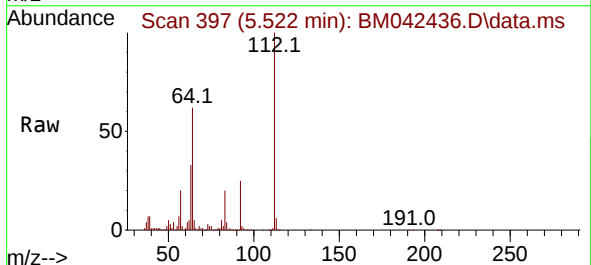
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723

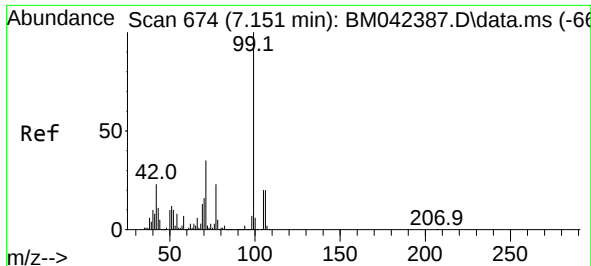
Tgt Ion:152 Resp: 132973
Ion Ratio Lower Upper
152 100
150 152.1 126.2 189.4
115 59.4 51.9 77.9



#5
2-Fluorophenol
Concen: 98.794 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

Tgt Ion:112 Resp: 929508
Ion Ratio Lower Upper
112 100
64 61.6 52.7 79.1
63 32.6 28.3 42.5



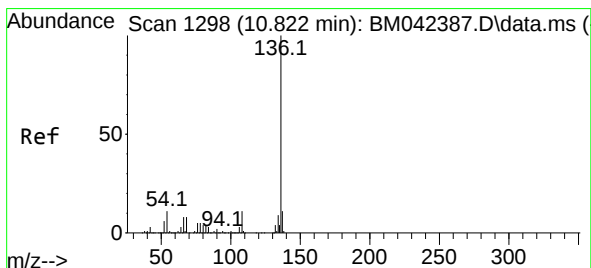
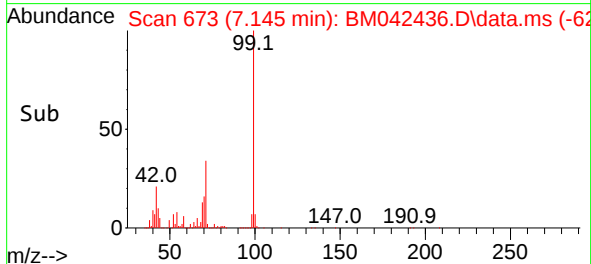
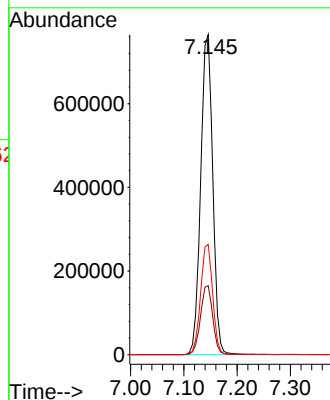
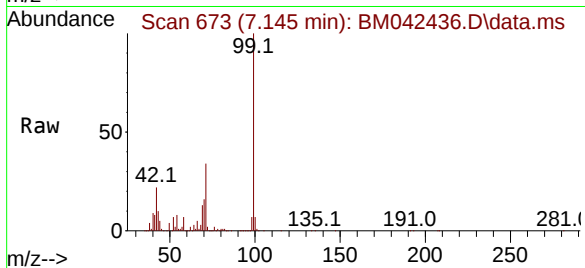


#7
Phenol-d6
Concen: 95.433 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723

Tgt Ion: 99 Resp: 1203288

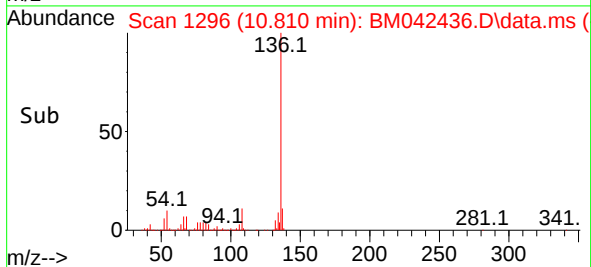
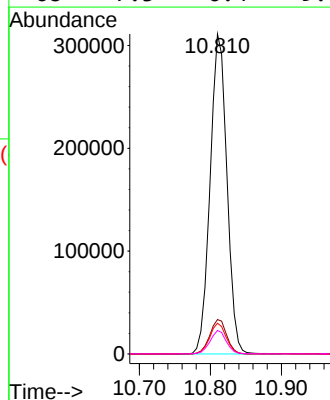
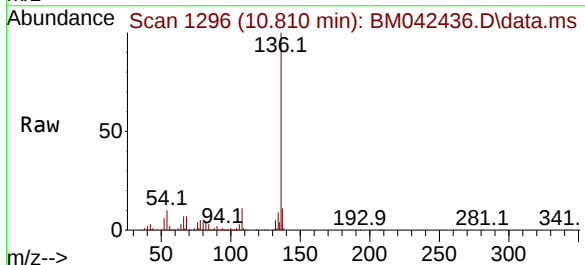
Ion	Ratio	Lower	Upper
99	100		
42	21.5	18.5	27.7
71	34.4	27.7	41.5

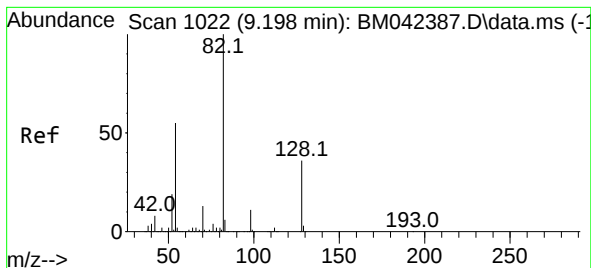


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

Tgt Ion: 136 Resp: 511310

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.6	8.6	12.8
68	7.3	6.4	9.6





#23

Nitrobenzene-d5

Concen: 68.097 ng

RT: 9.187 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BM042436.D

Acq: 25 Oct 2023 14:09

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723

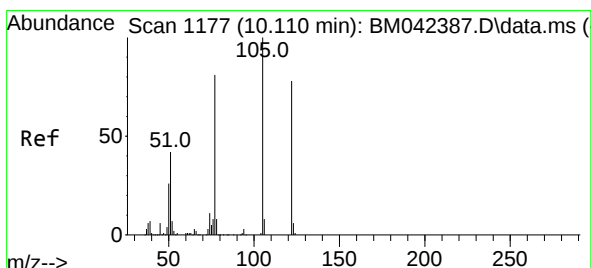
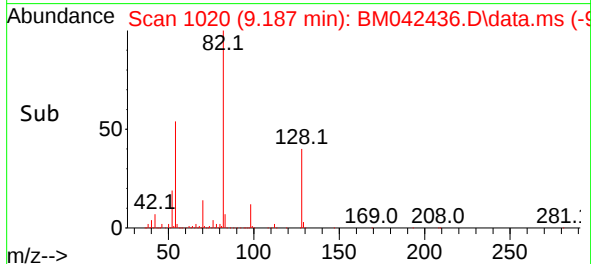
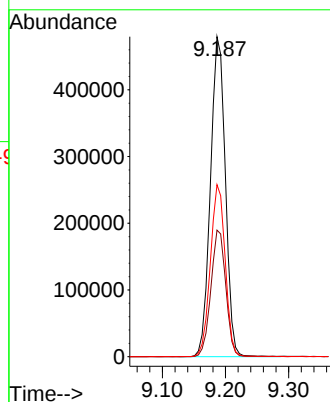
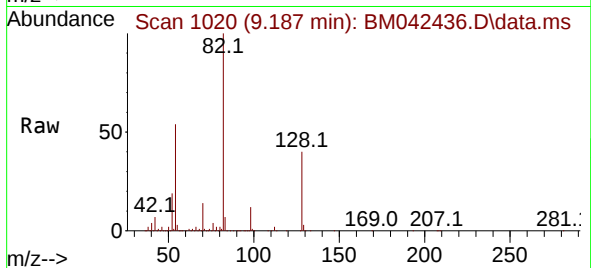
Tgt Ion: 82 Resp: 787407

Ion Ratio Lower Upper

82 100

128 39.6 29.0 43.6

54 53.8 43.7 65.5



#32

Benzoic acid

Concen: 5.340 ng

RT: 10.075 min Scan# 1171

Delta R.T. -0.035 min

Lab File: BM042436.D

Acq: 25 Oct 2023 14:09

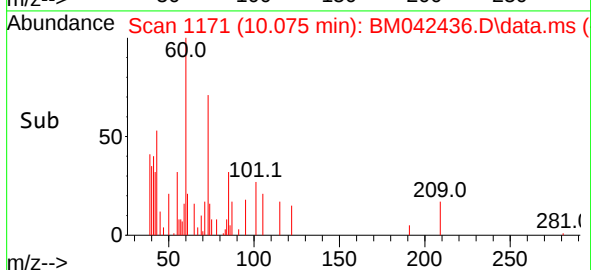
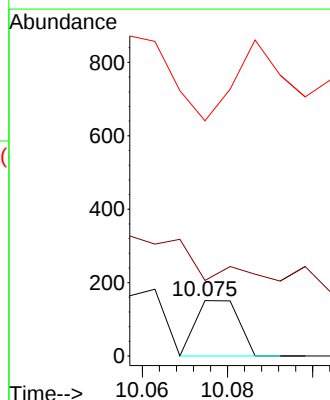
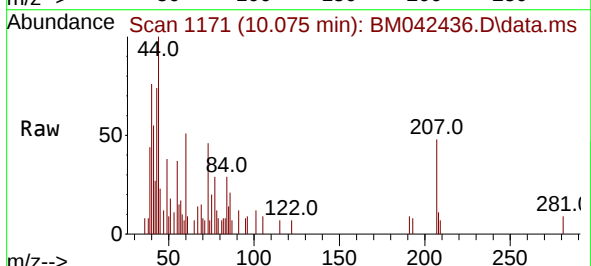
Tgt Ion:122 Resp: 106

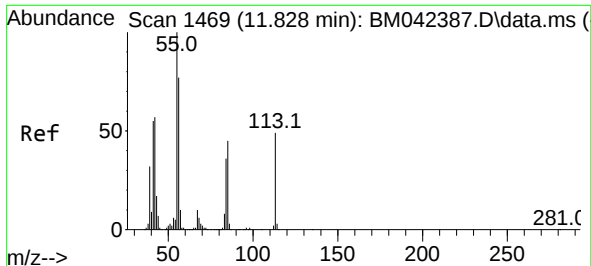
Ion Ratio Lower Upper

122 100

105 136.4 104.9 144.9

77 424.5 83.4 123.4#

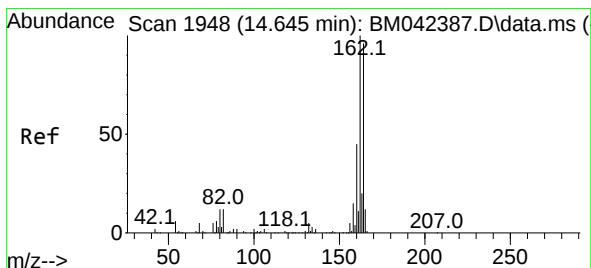
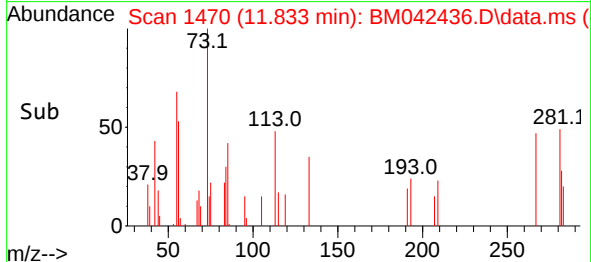
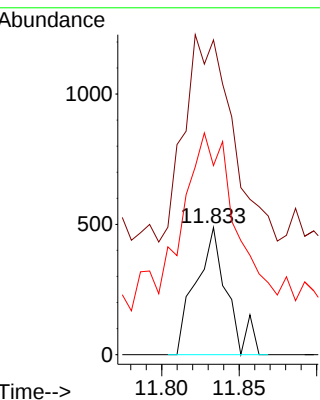
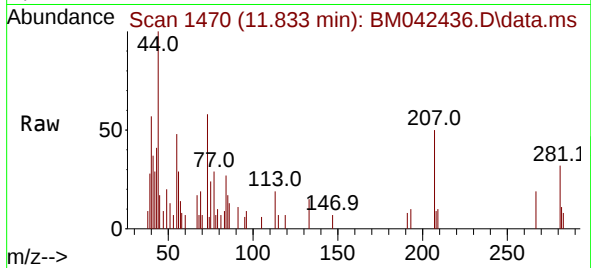




#35
Caprolactam
Concen: 6.147 ng
RT: 11.833 min Scan# 1469
Delta R.T. 0.005 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

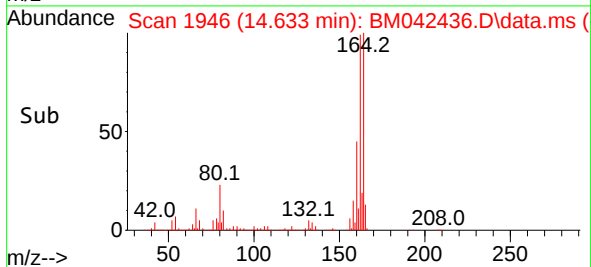
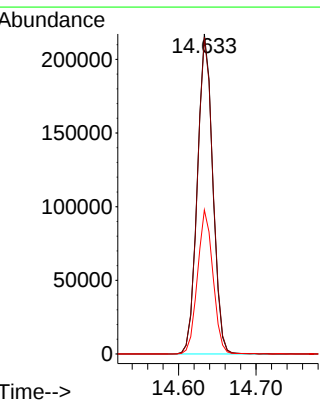
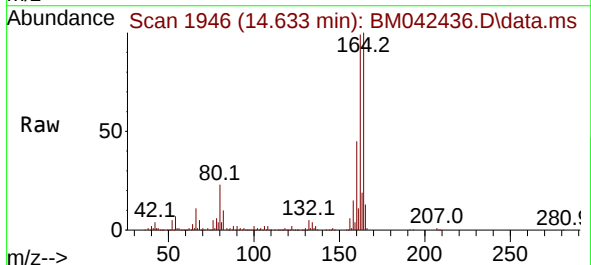
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723

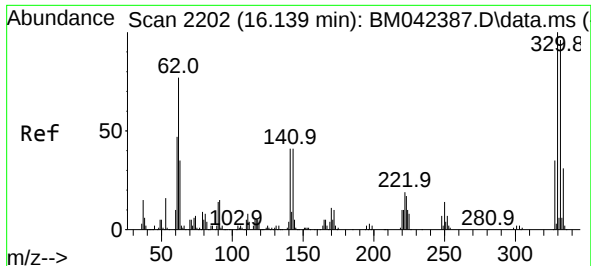
Tgt Ion:113 Resp: 685
Ion Ratio Lower Upper
113 100
55 247.5 185.6 225.6#
56 148.8 137.8 177.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

Tgt Ion:164 Resp: 298677
Ion Ratio Lower Upper
164 100
162 98.9 83.0 124.4
160 45.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 136.023 ng

RT: 16.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042436.D

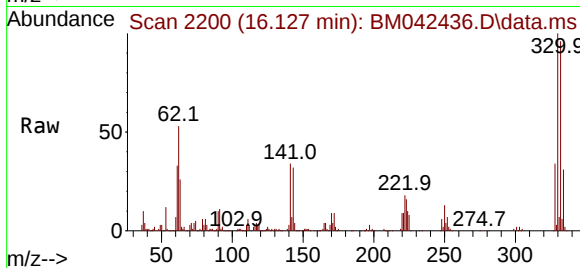
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Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723



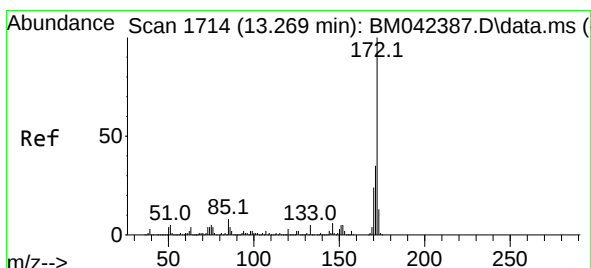
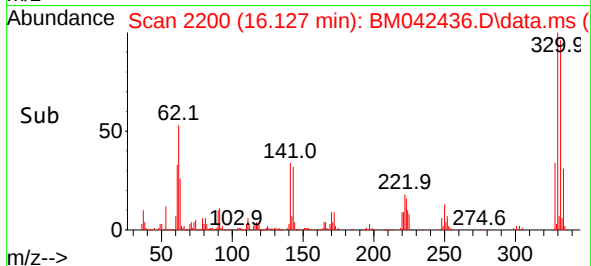
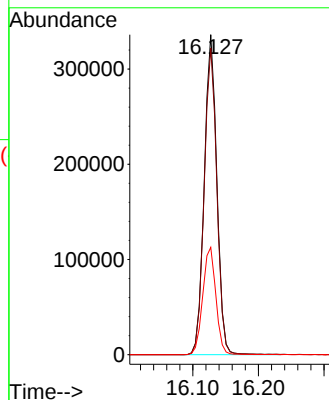
Tgt Ion:330 Resp: 450192

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 35.0 38.0 57.0#



#45

2-Fluorobiphenyl

Concen: 68.943 ng

RT: 13.257 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BM042436.D

Acq: 25 Oct 2023 14:09

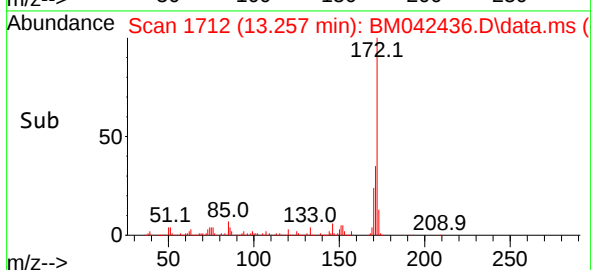
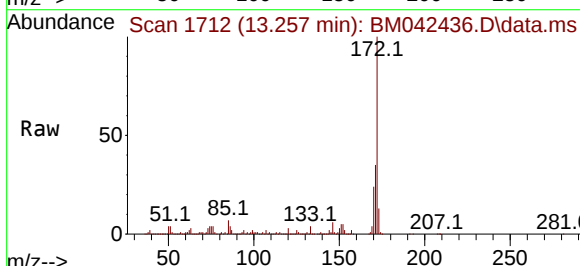
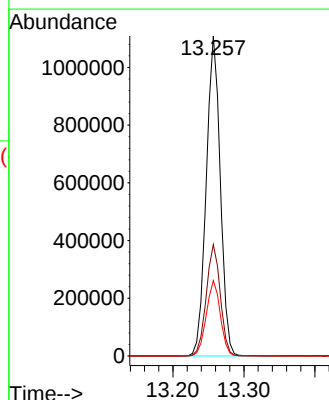
Tgt Ion:172 Resp: 1529151

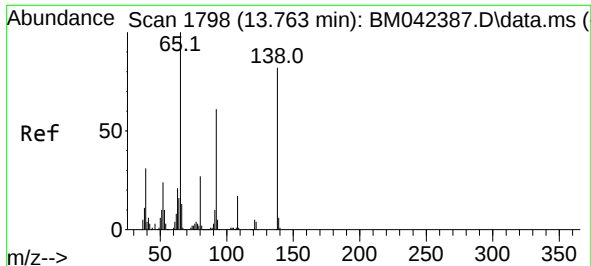
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.6 18.9 28.3

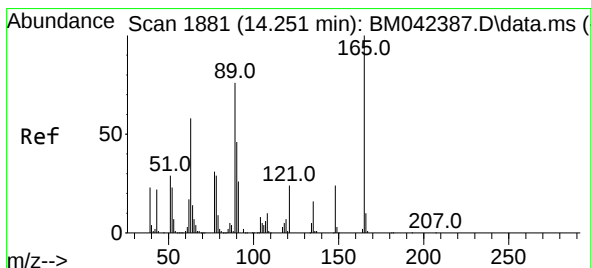
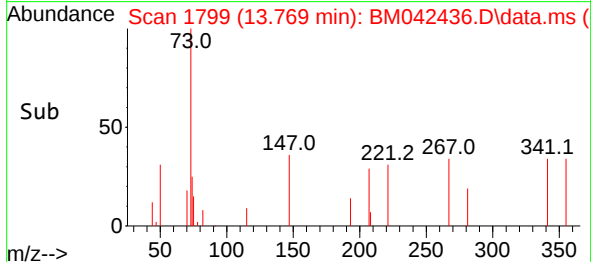
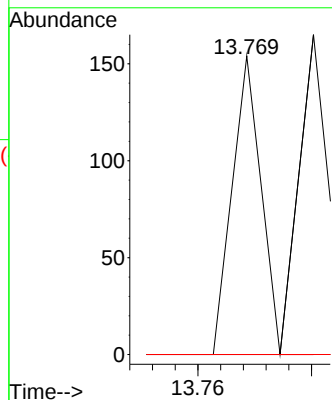
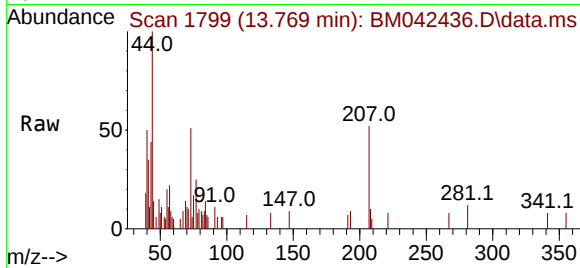




#48
2-Nitroaniline
Concen: 3.646 ng
RT: 13.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

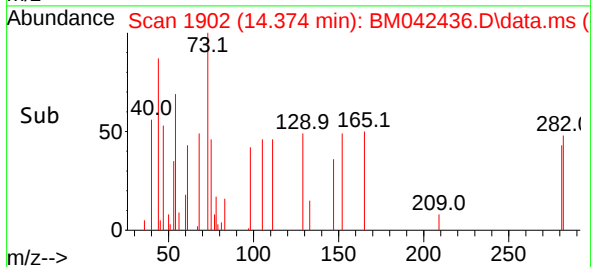
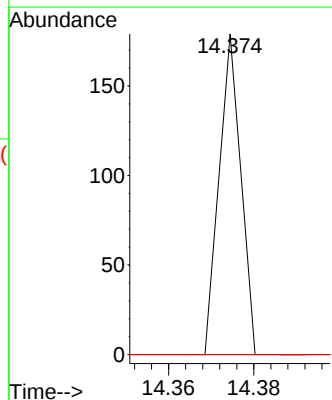
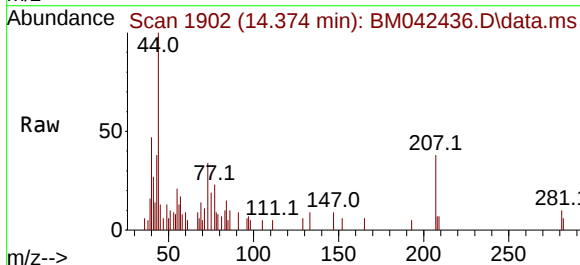
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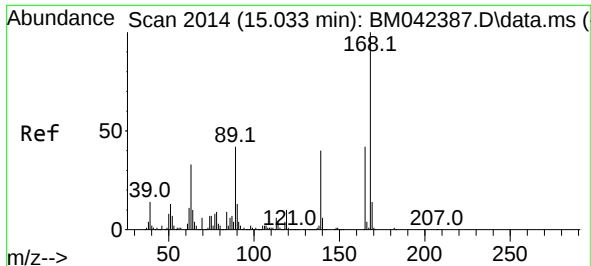
Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 0.0 65.5 98.3#



#51
2,6-Dinitrotoluene
Concen: 2.899 ng
RT: 14.374 min Scan# 1902
Delta R.T. 0.123 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

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

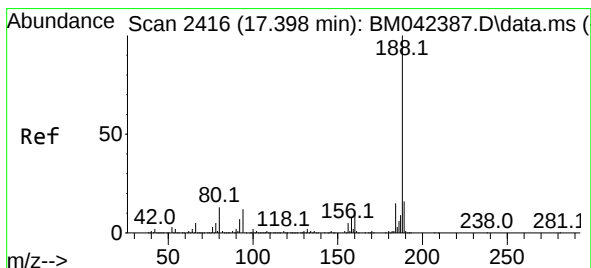
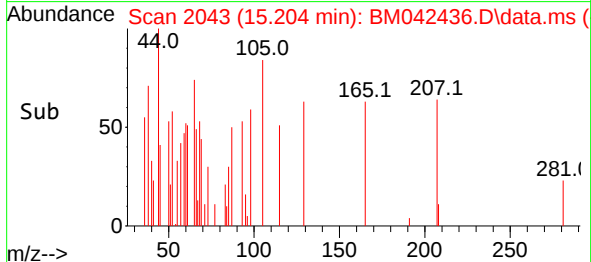
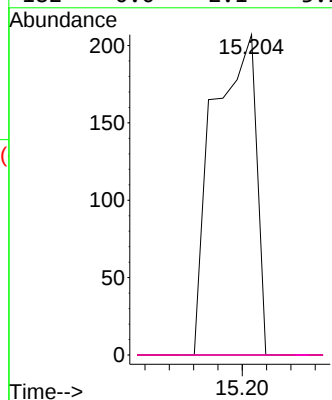
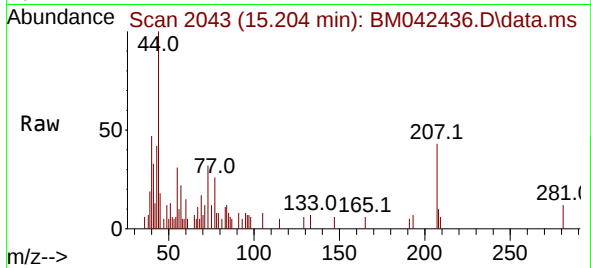




#57
2,4-Dinitrotoluene
Concen: 4.098 ng
RT: 15.204 min Scan# 2014
Delta R.T. 0.171 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

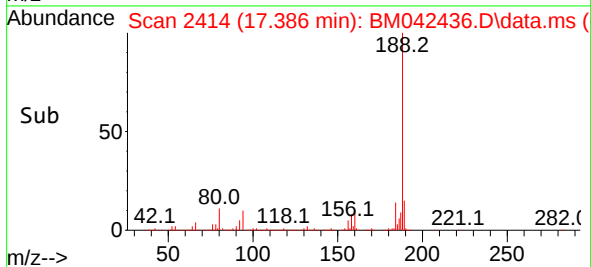
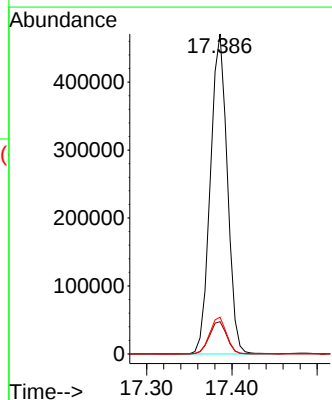
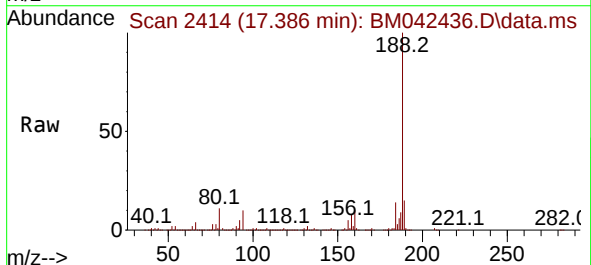
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723

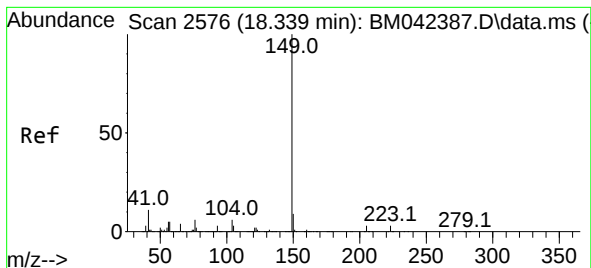
Tgt Ion:165 Resp: 253
Ion Ratio Lower Upper
165 100
63 0.0 62.9 94.3#
89 0.0 80.2 120.2#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

Tgt Ion:188 Resp: 649564
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.0
80 11.5 10.7 16.1





#74

Di-n-butylphthalate

Concen: 2.922 ng

RT: 18.327 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042436.D

Acq: 25 Oct 2023 14:09

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723

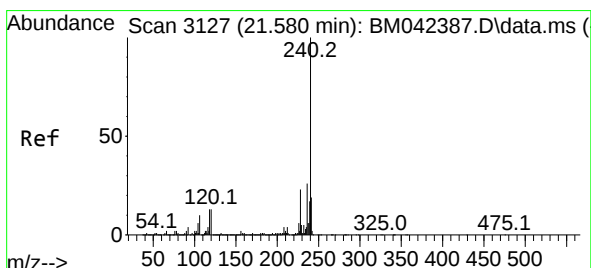
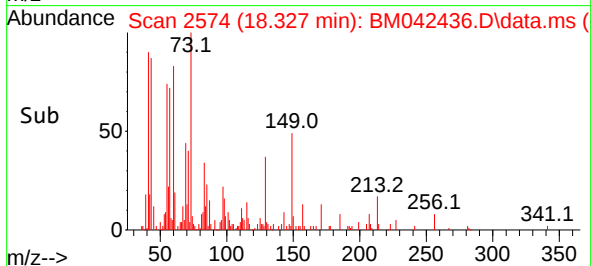
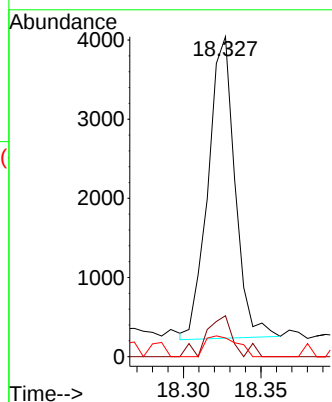
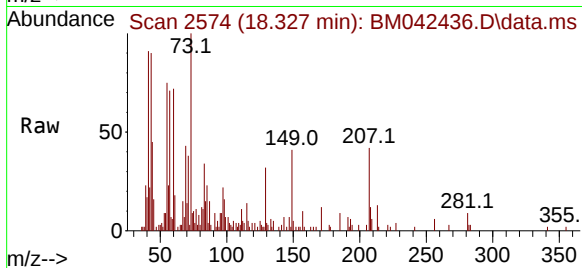
Tgt Ion:149 Resp: 4601

Ion Ratio Lower Upper

149 100

150 12.8 7.4 11.0#

104 5.9 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 3124

Delta R.T. -0.018 min

Lab File: BM042436.D

Acq: 25 Oct 2023 14:09

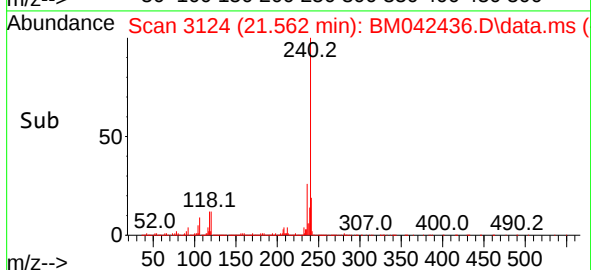
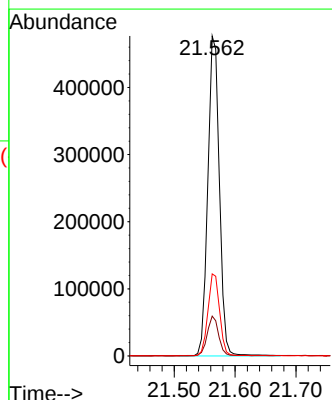
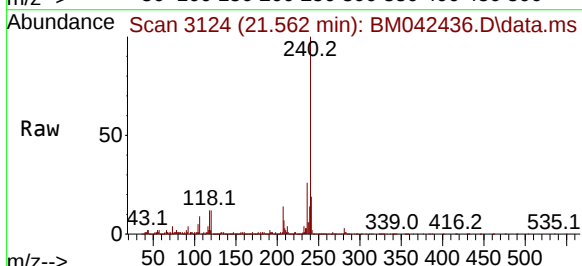
Tgt Ion:240 Resp: 630319

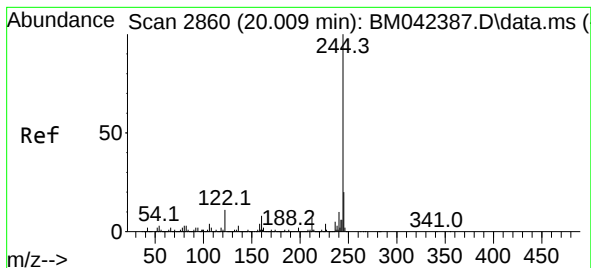
Ion Ratio Lower Upper

240 100

120 12.5 10.7 16.1

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 66.719 ng

RT: 19.998 min Scan# 2

Delta R.T. -0.011 min

Lab File: BM042436.D

Acq: 25 Oct 2023 14:09

Instrument :

BNA_M

ClientSampleId :

LSS-B5-COMP-101723

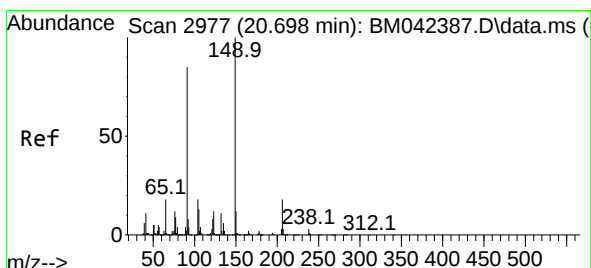
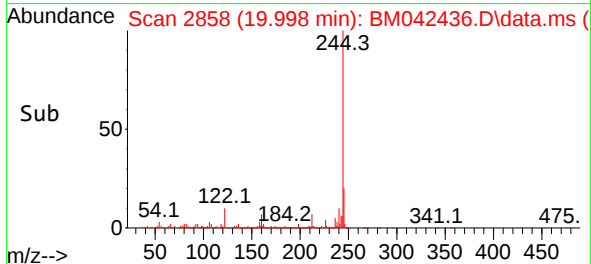
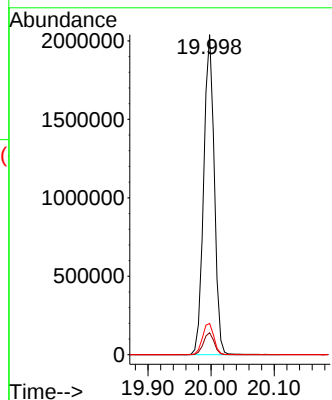
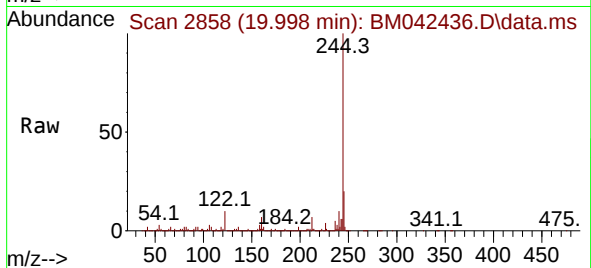
Tgt Ion:244 Resp: 2371257

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.8 8.8 13.2



#80

Butylbenzylphthalate

Concen: 3.282 ng

RT: 20.803 min Scan# 2995

Delta R.T. 0.105 min

Lab File: BM042436.D

Acq: 25 Oct 2023 14:09

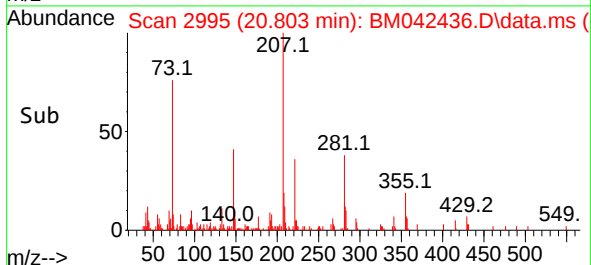
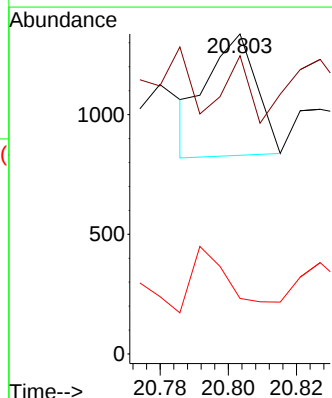
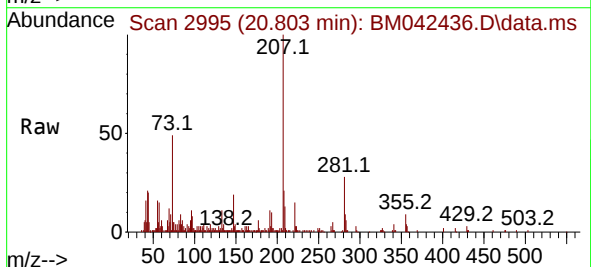
Tgt Ion:149 Resp: 508

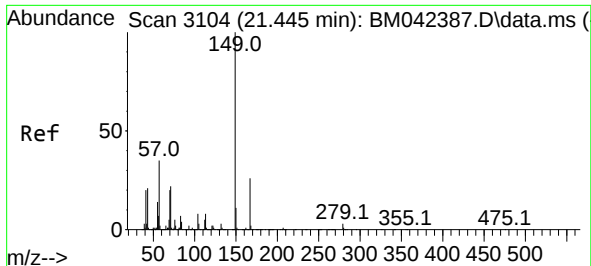
Ion Ratio Lower Upper

149 100

91 93.2 68.3 102.5

206 17.4 14.6 22.0

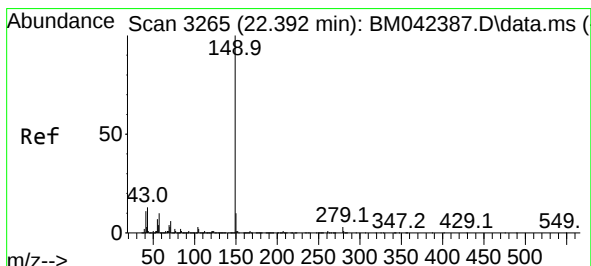
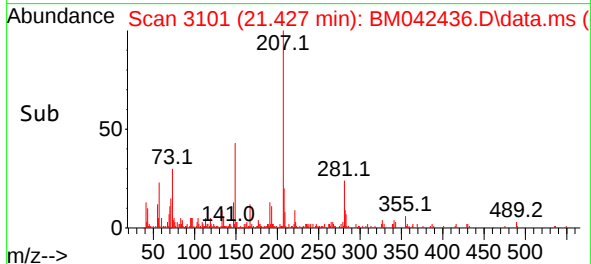
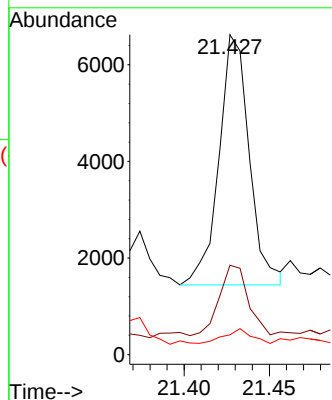
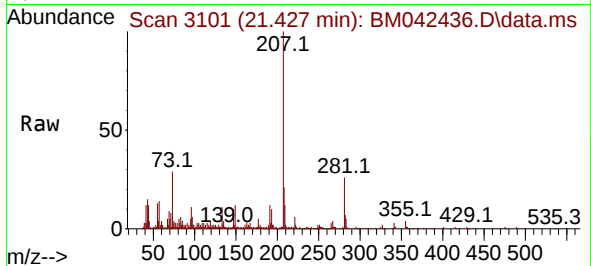




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.579 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.018 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

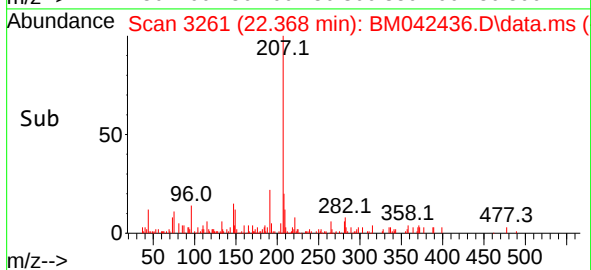
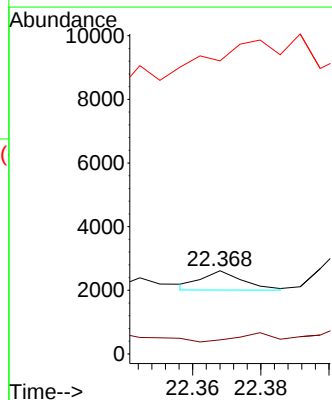
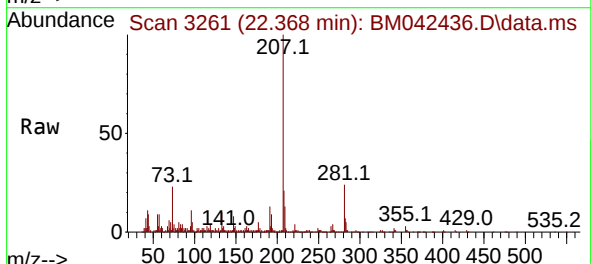
Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723

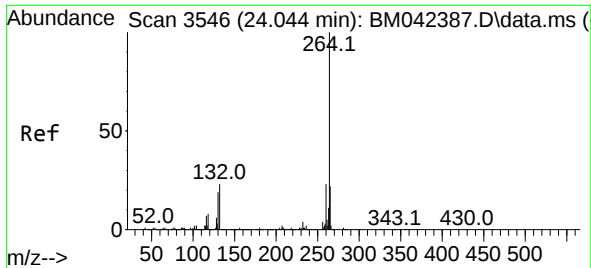
Tgt Ion:149 Resp: 6416
Ion Ratio Lower Upper
149 100
167 28.0 20.9 31.3
279 6.2 2.7 4.1#



#85
Di-n-octyl phthalate
Concen: 4.228 ng
RT: 22.368 min Scan# 3261
Delta R.T. -0.024 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

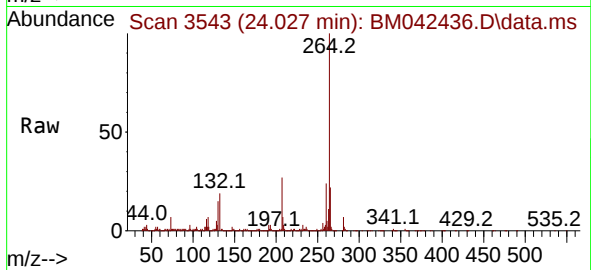
Tgt Ion:149 Resp: 506
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 11.0 16.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042436.D
Acq: 25 Oct 2023 14:09

Instrument :
BNA_M
ClientSampleId :
LSS-B5-COMP-101723



Tgt Ion:	264	Resp:	672867
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.3	17.8	26.8

