

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042420.D
 Acq On : 24 Oct 2023 15:27
 Operator : MA/JU
 Sample : 04978-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-406-COMP-03

Quant Time: Oct 24 17:06:24 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)

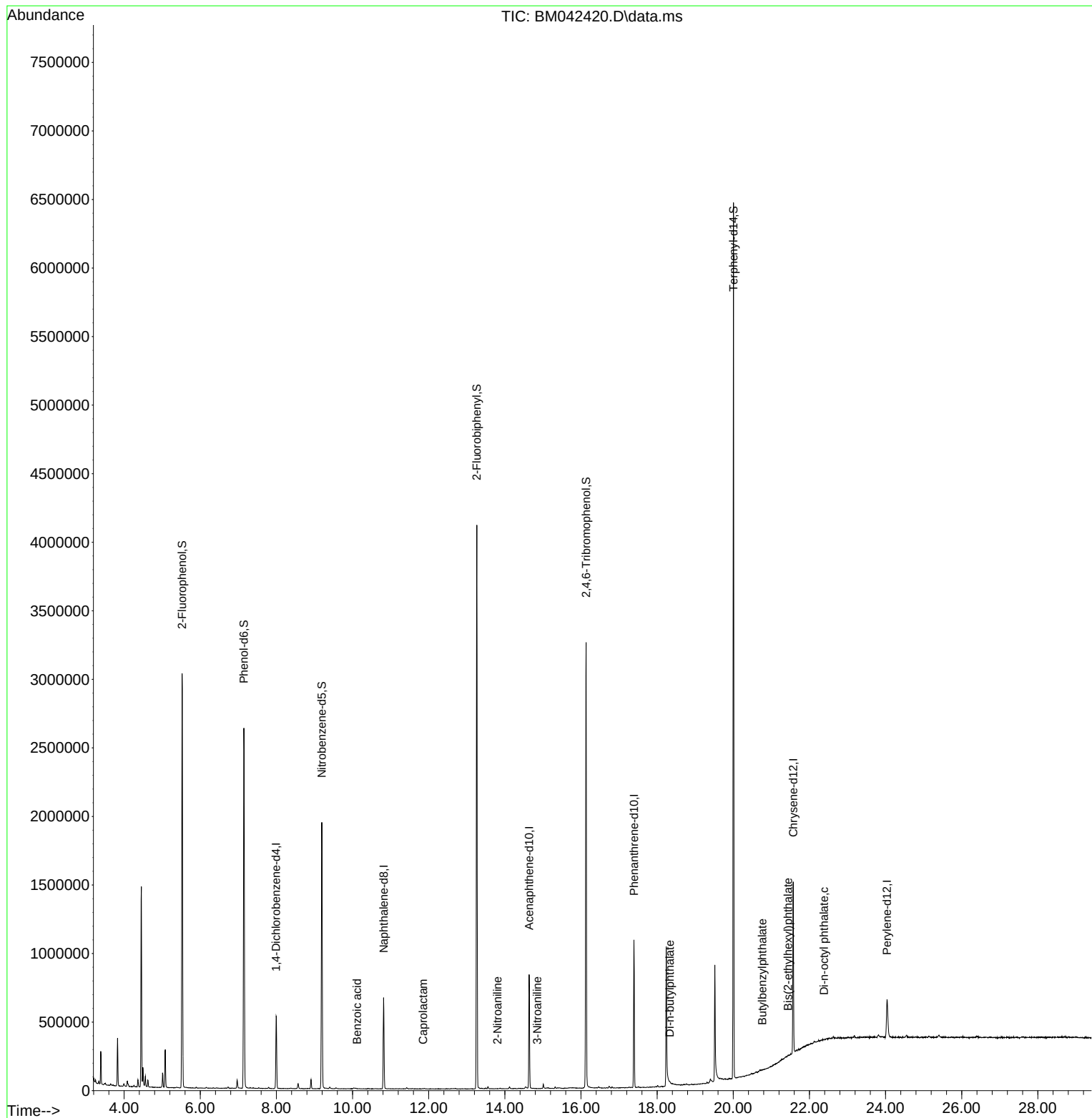
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	133325	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	509870	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	243025	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	598402	20.000	ng	0.00
76) Chrysene-d12	21.574	240	498774	20.000	ng	0.00
86) Perylene-d12	24.039	264	152423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1205489	127.788	ng	0.00
7) Phenol-d6	7.146	99	1361626	107.706	ng	0.00
23) Nitrobenzene-d5	9.192	82	1049059	90.982	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	534624	194.278	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1996357	110.619	ng	0.00
79) Terphenyl-d14	20.004	244	2756424	98.010	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.116	122	177	5.351	ng	# 26
35) Caprolactam	11.851	113	129	5.970	ng	# 41
48) 2-Nitroaniline	13.804	65	56	3.648	ng	# 13
53) 3-Nitroaniline	14.851	138	63	3.278	ng	# 1
74) Di-n-butylphthalate	18.333	149	4071	2.917	ng	# 92
80) Butylbenzylphthalate	20.762	149	210	3.271	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.439	149	2845	3.486	ng	# 98
85) Di-n-octyl phthalate	22.380	149	841	4.239	ng	# 15

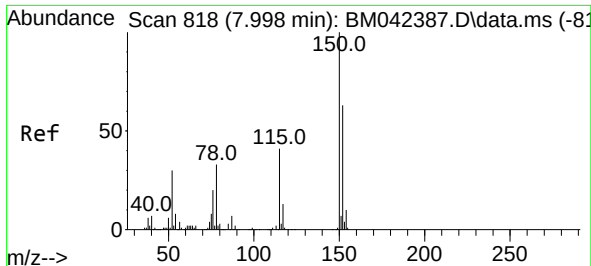
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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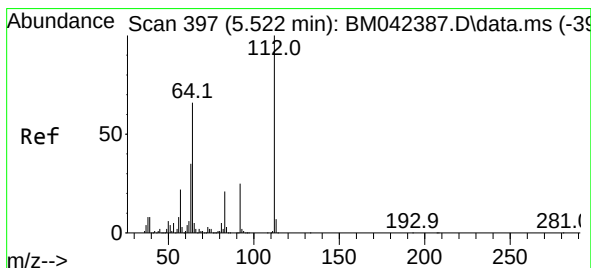
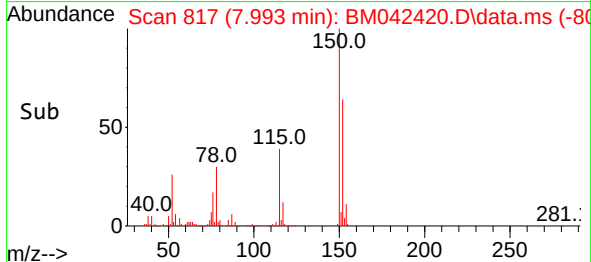
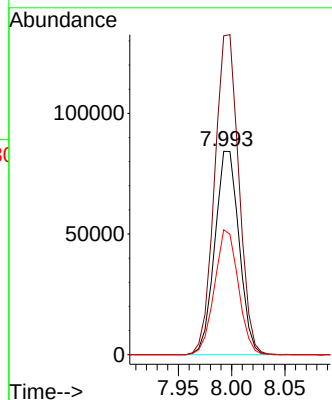
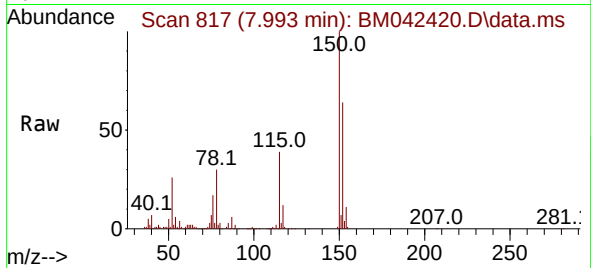




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 818
Delta R.T. -0.005 min
Lab File: BM042420.D
Acq: 24 Oct 2023 15:27

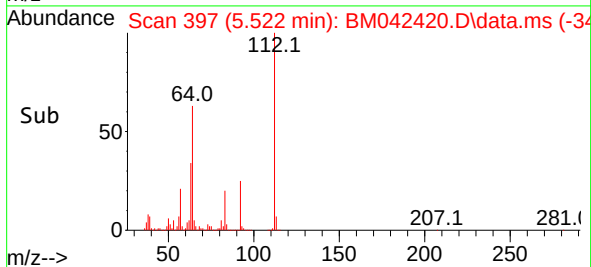
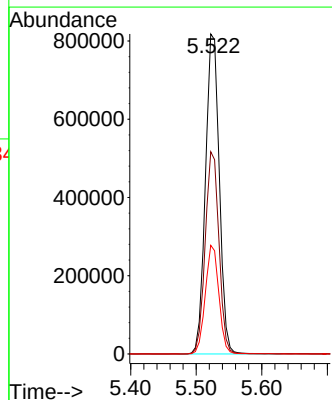
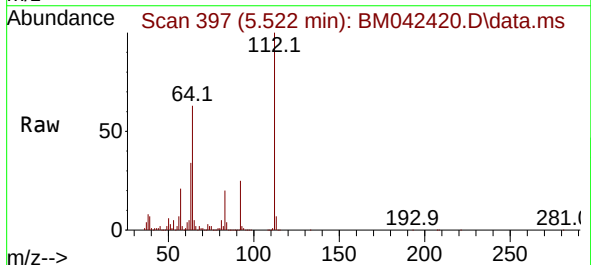
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-03

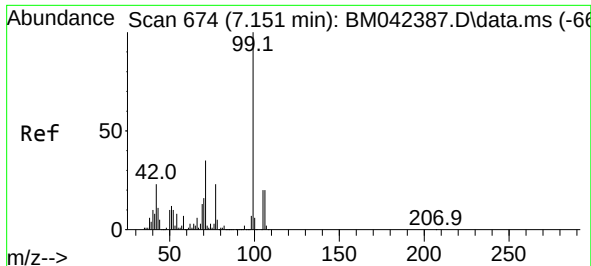
Tgt Ion:152 Resp: 133325
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.4
115 61.4 51.9 77.9



#5
2-Fluorophenol
Concen: 127.788 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042420.D
Acq: 24 Oct 2023 15:27

Tgt Ion:112 Resp: 1205489
Ion Ratio Lower Upper
112 100
64 63.2 52.7 79.1
63 34.0 28.3 42.5

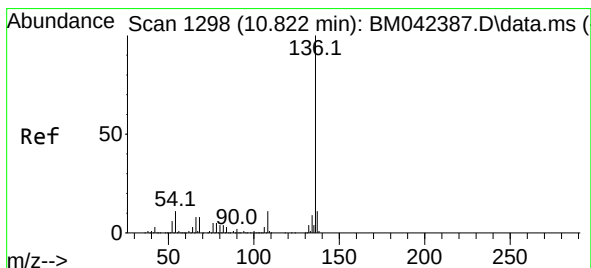
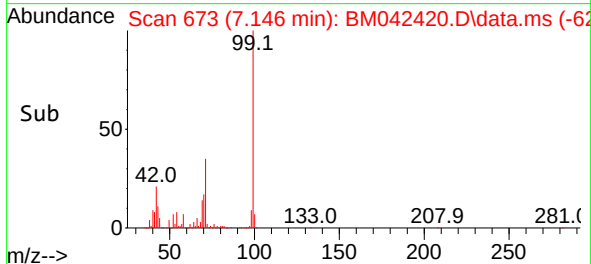
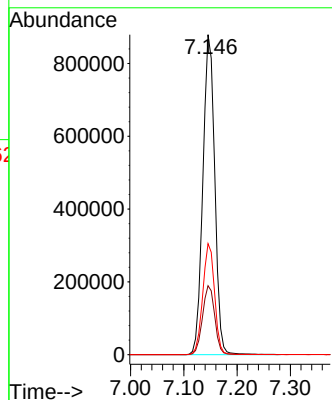
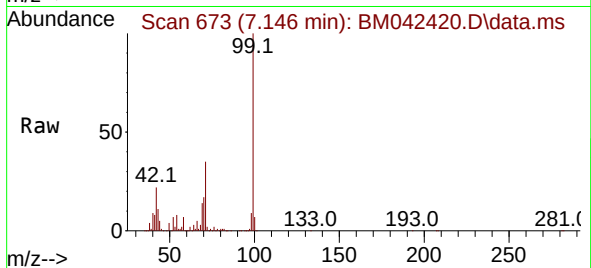




#7
Phenol-d6
Concen: 107.706 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042420.D
Acq: 24 Oct 2023 15:27

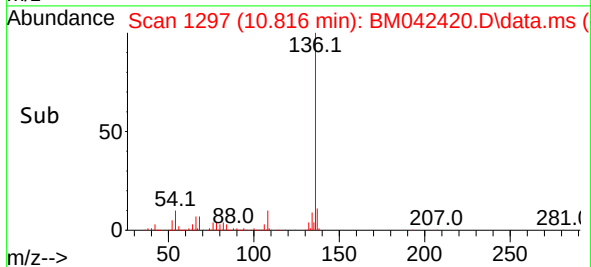
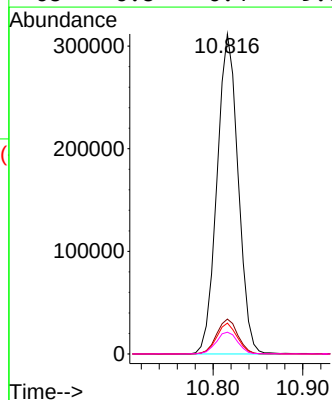
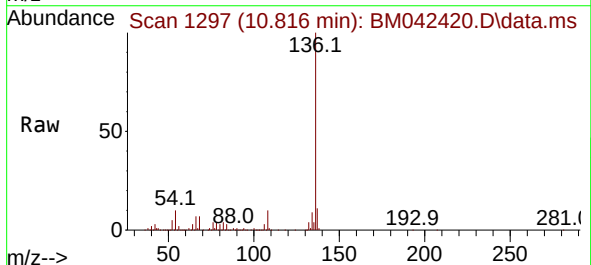
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-03

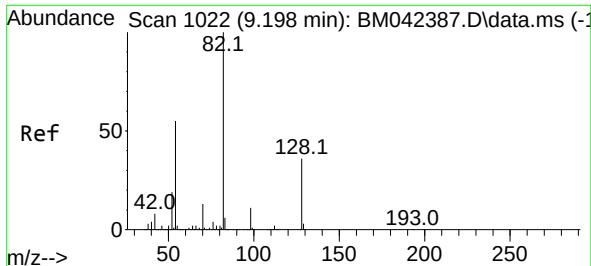
Tgt Ion: 99 Resp: 1361626
Ion Ratio Lower Upper
99 100
42 21.5 18.5 27.7
71 34.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042420.D
Acq: 24 Oct 2023 15:27

Tgt Ion: 136 Resp: 509870
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.7 8.6 12.8
68 6.8 6.4 9.6





#23

Nitrobenzene-d5

Concen: 90.982 ng

RT: 9.192 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BM042420.D

Acq: 24 Oct 2023 15:27

Instrument :

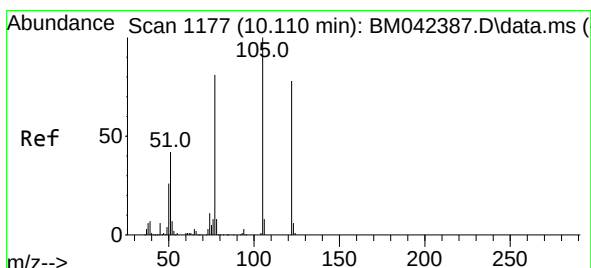
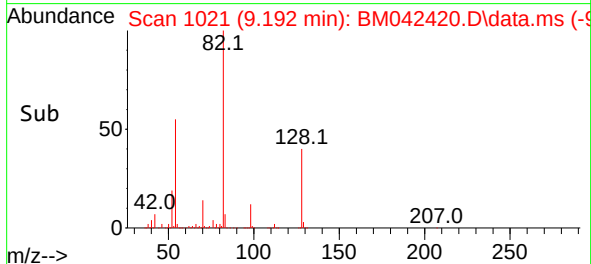
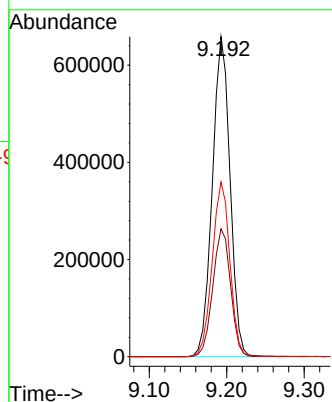
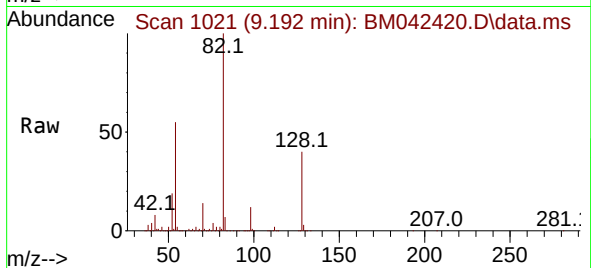
BNA_M

ClientSampleId :

NB-406-COMP-03

Tgt Ion: 82 Resp: 1049059

Ion	Ratio	Lower	Upper
82	100		
128	39.9	29.0	43.6
54	54.5	43.7	65.5



#32

Benzoic acid

Concen: 5.351 ng

RT: 10.116 min Scan# 1178

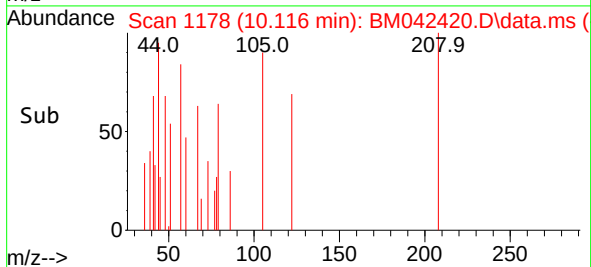
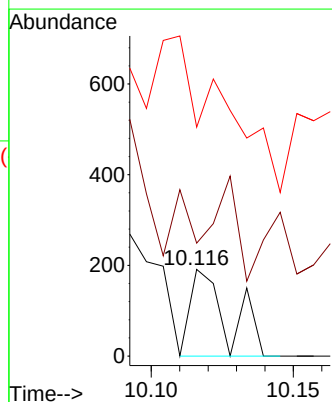
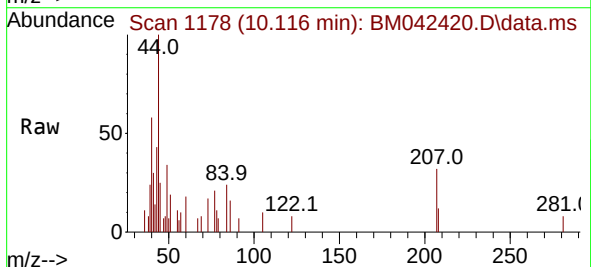
Delta R.T. 0.006 min

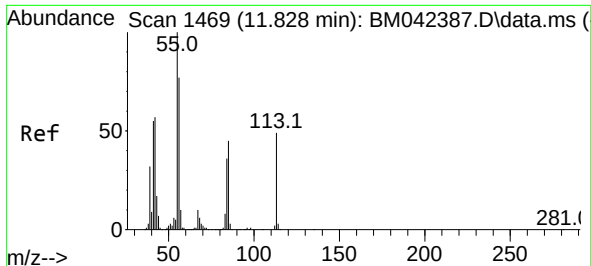
Lab File: BM042420.D

Acq: 24 Oct 2023 15:27

Tgt Ion:122 Resp: 177

Ion	Ratio	Lower	Upper
122	100		
105	130.4	104.9	144.9
77	264.4	83.4	123.4

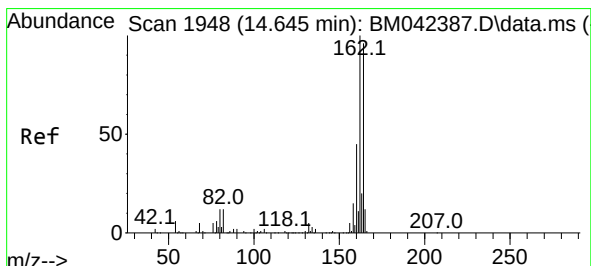
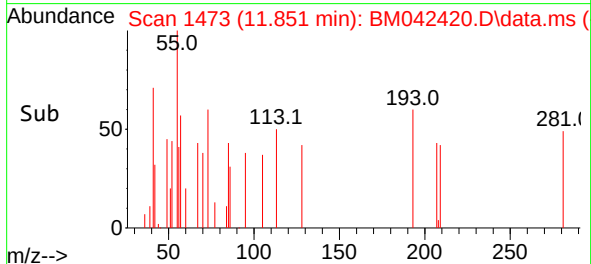
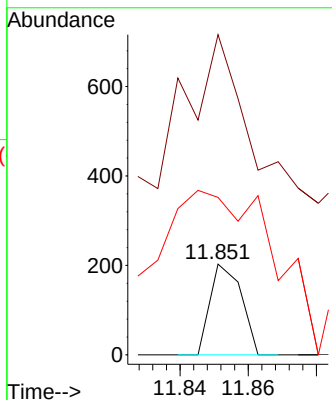
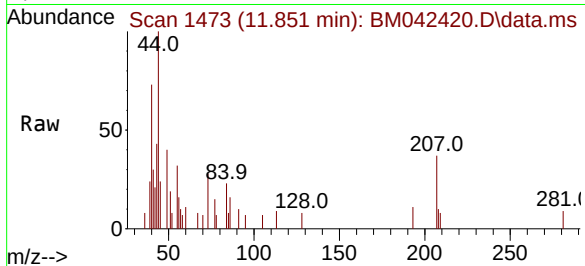




#35
Caprolactam
Concen: 5.970 ng
RT: 11.851 min Scan# 14
Delta R.T. 0.023 min
Lab File: BM042420.D
Acq: 24 Oct 2023 15:27

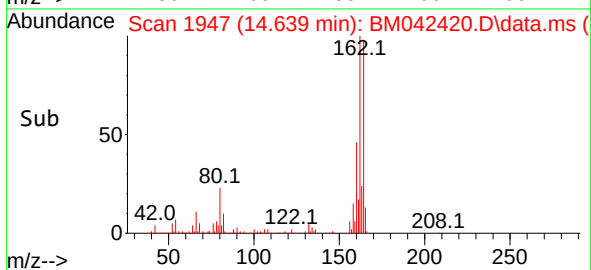
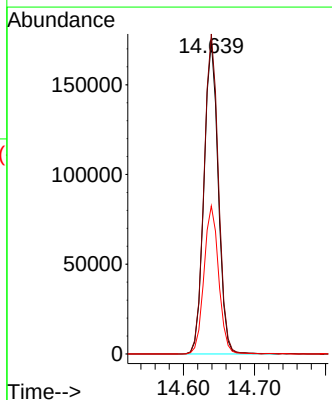
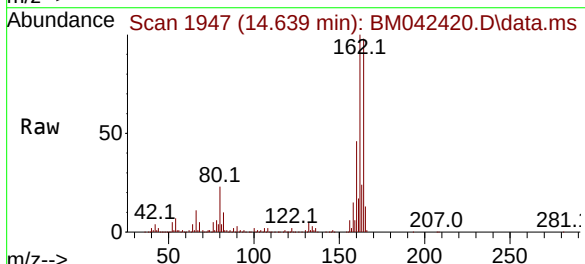
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-03

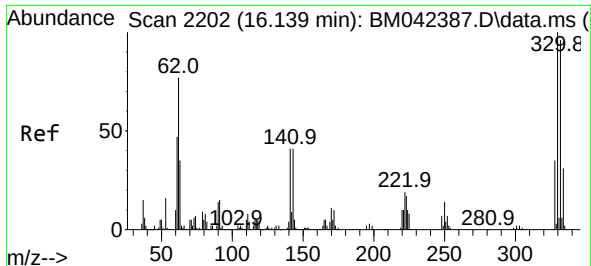
Tgt Ion:113 Resp: 129
Ion Ratio Lower Upper
113 100
55 352.7 185.6 225.6#
56 173.4 137.8 177.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042420.D
Acq: 24 Oct 2023 15:27

Tgt Ion:164 Resp: 243025
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.4
160 47.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 194.278 ng

RT: 16.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042420.D

Acq: 24 Oct 2023 15:27

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-03

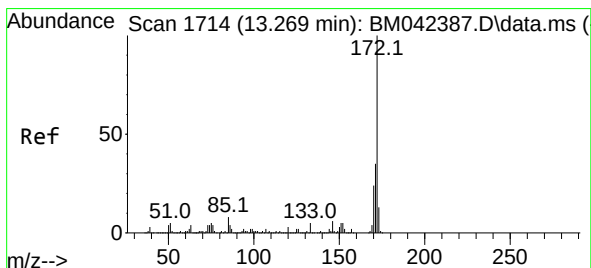
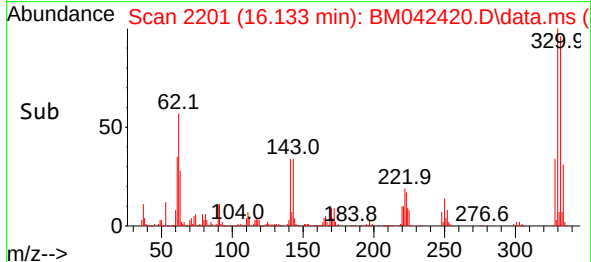
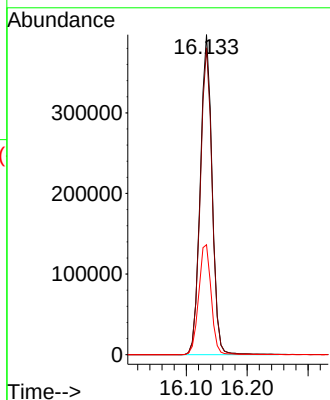
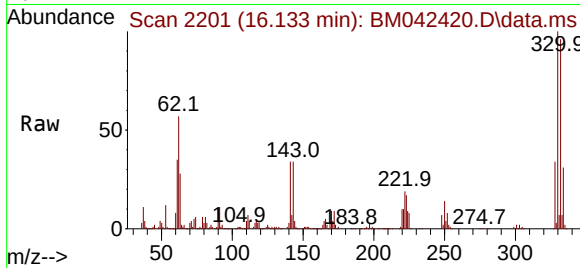
Tgt Ion:330 Resp: 534624

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

141 36.4 38.0 57.0#



#45

2-Fluorobiphenyl

Concen: 110.619 ng

RT: 13.263 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM042420.D

Acq: 24 Oct 2023 15:27

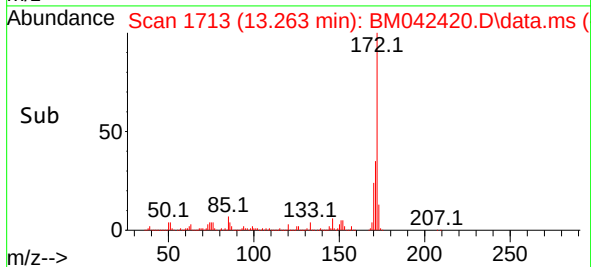
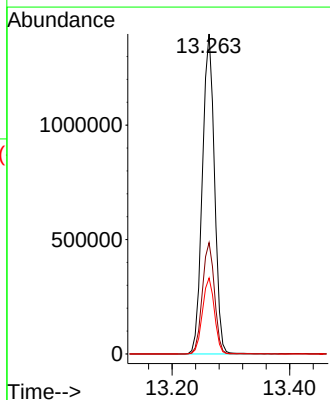
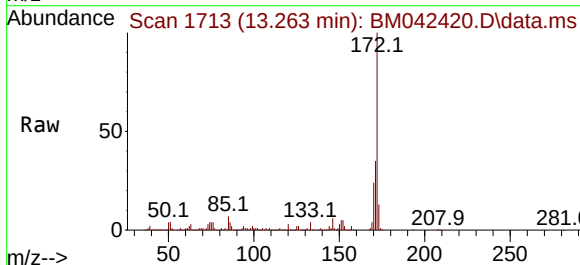
Tgt Ion:172 Resp: 1996357

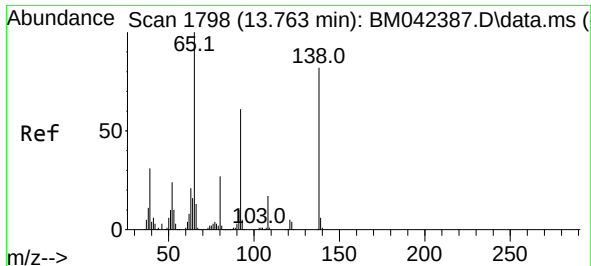
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

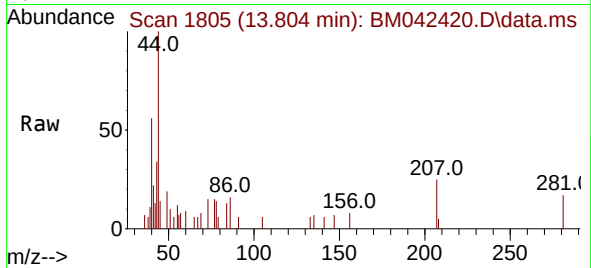
170 23.8 18.9 28.3



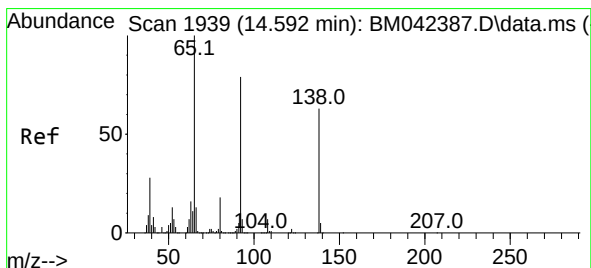
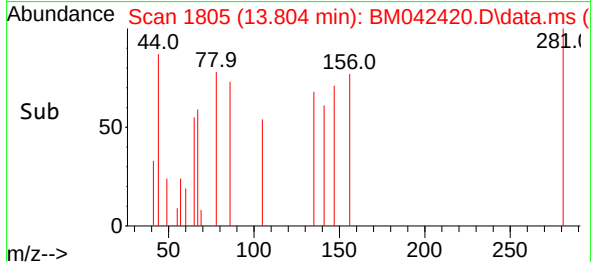
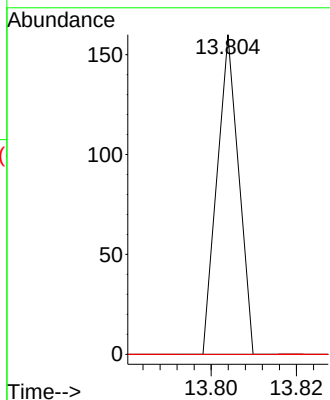


#48
2-Nitroaniline
Concen: 3.648 ng
RT: 13.804 min Scan# 1805
Delta R.T. 0.041 min
Lab File: BM042420.D
Acq: 24 Oct 2023 15:27

Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-03

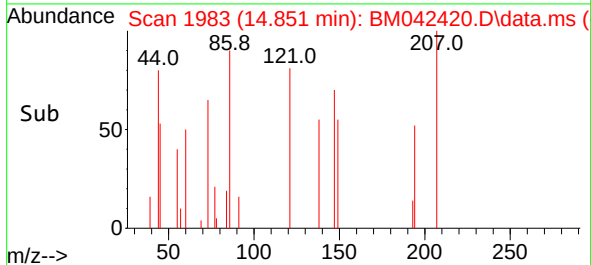
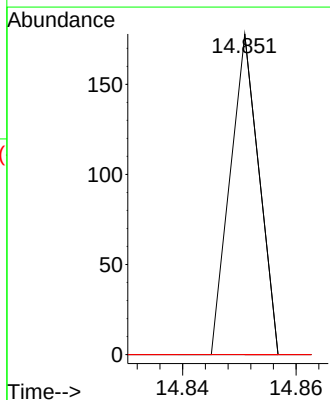
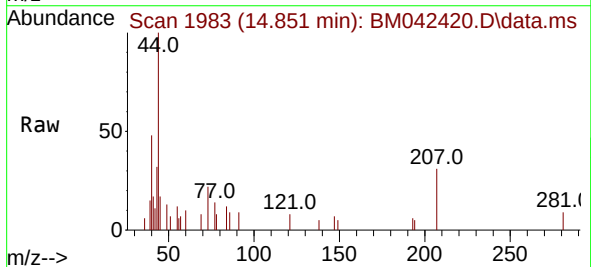


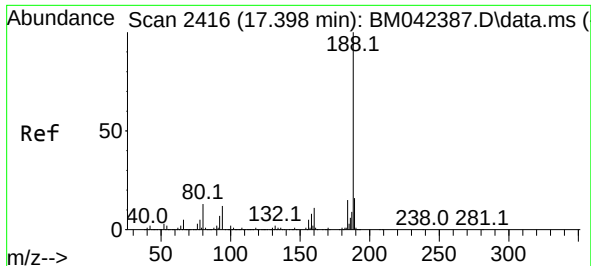
Tgt Ion: 65 Resp: 56
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 0.0 65.5 98.3#



#53
3-Nitroaniline
Concen: 3.278 ng
RT: 14.851 min Scan# 1983
Delta R.T. 0.259 min
Lab File: BM042420.D
Acq: 24 Oct 2023 15:27

Tgt Ion: 138 Resp: 63
Ion Ratio Lower Upper
138 100
108 0.0 8.3 12.5#
92 0.0 100.6 151.0#

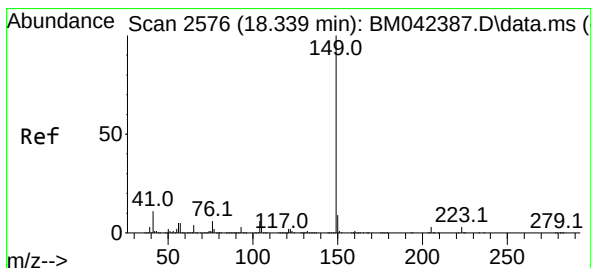
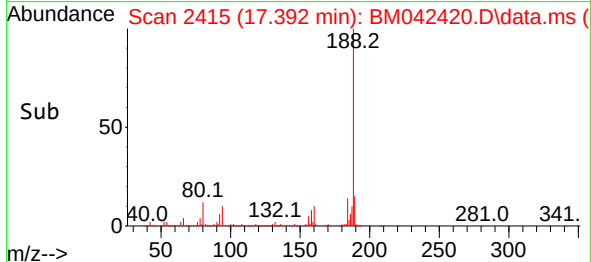
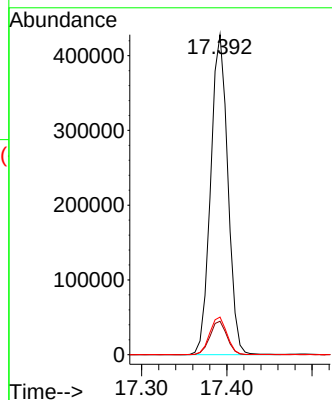
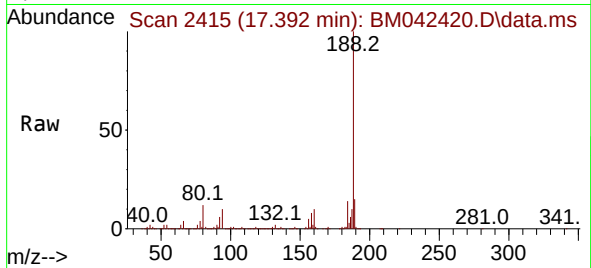




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM042420.D
Acq: 24 Oct 2023 15:27

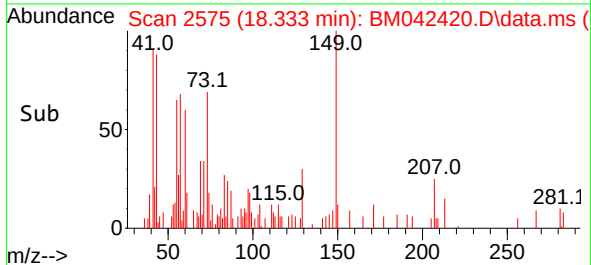
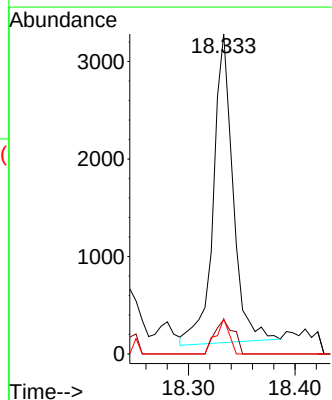
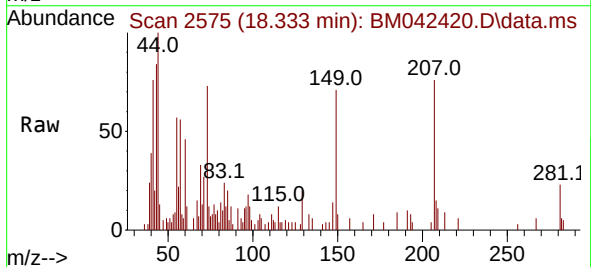
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-03

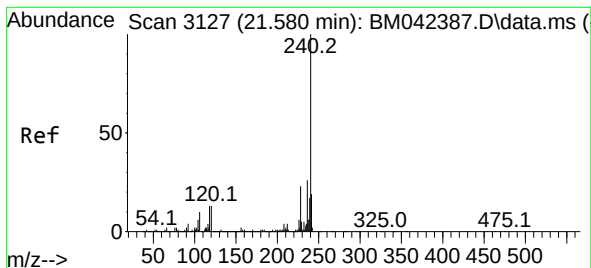
Tgt Ion:188 Resp: 598402
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.0
80 11.8 10.7 16.1



#74
Di-n-butylphthalate
Concen: 2.917 ng
RT: 18.333 min Scan# 2575
Delta R.T. -0.006 min
Lab File: BM042420.D
Acq: 24 Oct 2023 15:27

Tgt Ion:149 Resp: 4071
Ion Ratio Lower Upper
149 100
150 10.7 7.4 11.0
104 11.0 4.6 7.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042420.D

Acq: 24 Oct 2023 15:27

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-03

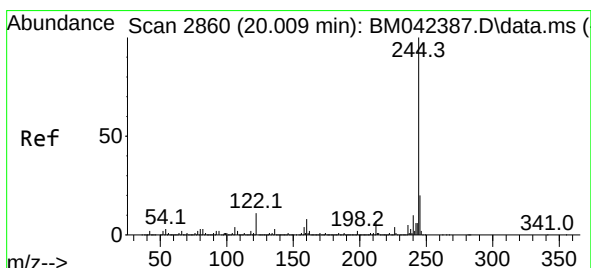
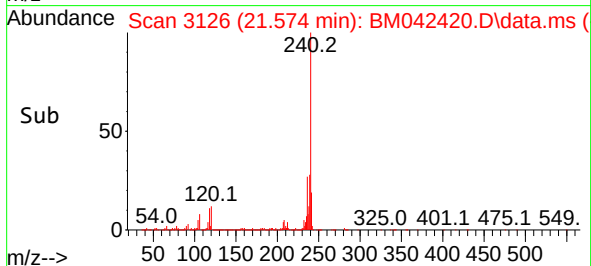
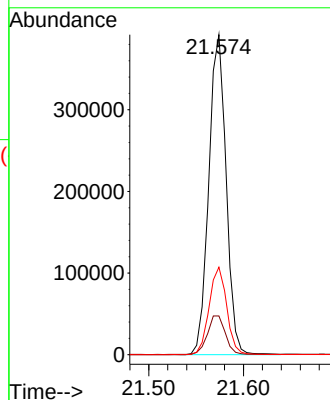
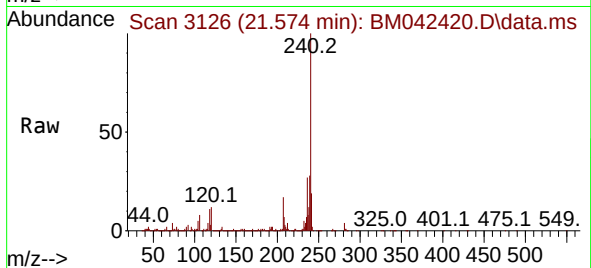
Tgt Ion:240 Resp: 498774

Ion Ratio Lower Upper

240 100

120 12.1 10.7 16.1

236 27.3 20.7 31.1



#79

Terphenyl-d14

Concen: 98.010 ng

RT: 20.004 min Scan# 2859

Delta R.T. -0.005 min

Lab File: BM042420.D

Acq: 24 Oct 2023 15:27

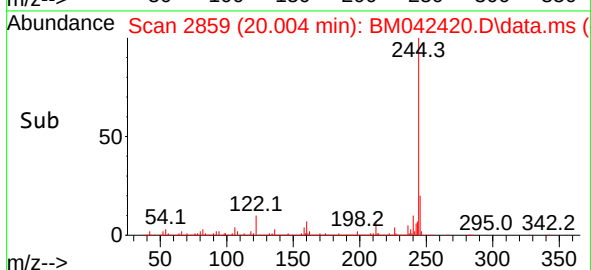
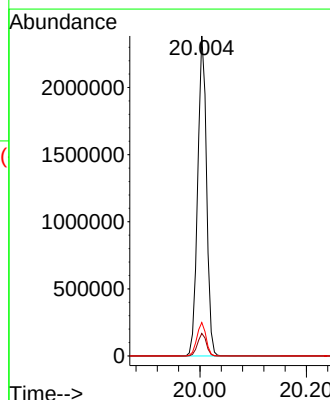
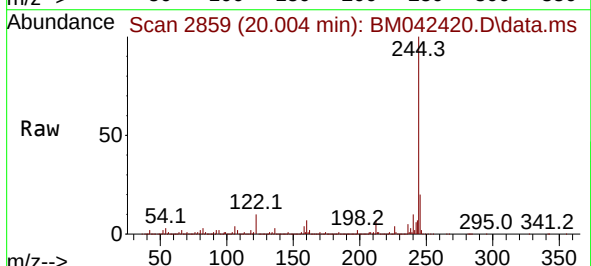
Tgt Ion:244 Resp: 2756424

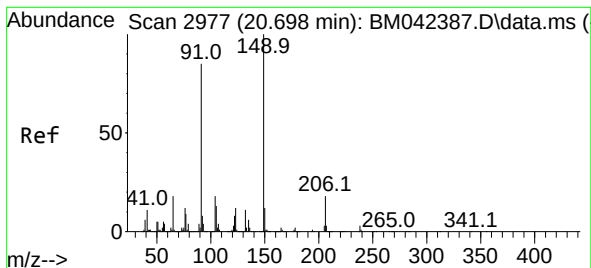
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.4 8.8 13.2





#80

Butylbenzylphthalate

Concen: 3.271 ng

RT: 20.762 min Scan# 2977

Delta R.T. 0.064 min

Lab File: BM042420.D

Acq: 24 Oct 2023 15:27

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-03

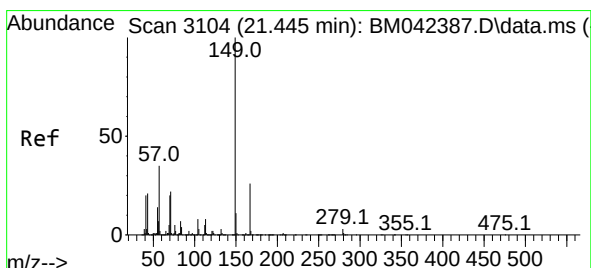
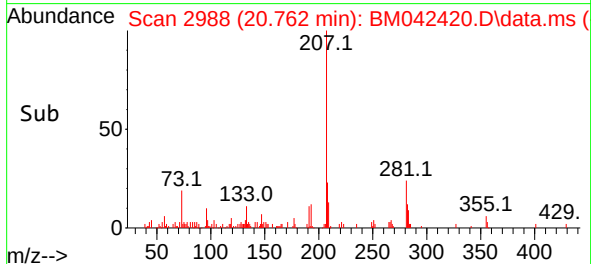
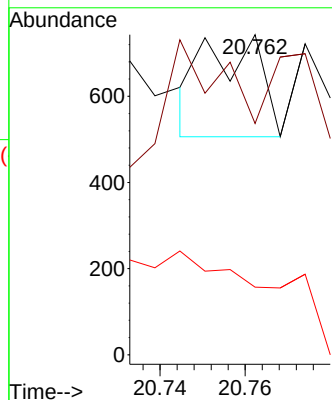
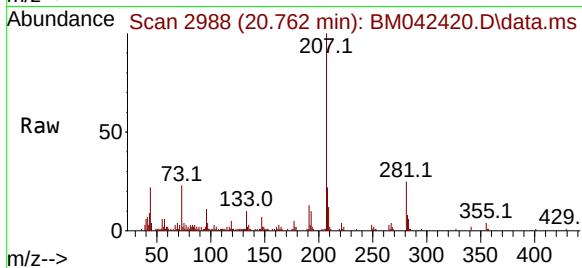
Tgt Ion:149 Resp: 210

Ion Ratio Lower Upper

149 100

91 72.3 68.3 102.5

206 21.1 14.6 22.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.486 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042420.D

Acq: 24 Oct 2023 15:27

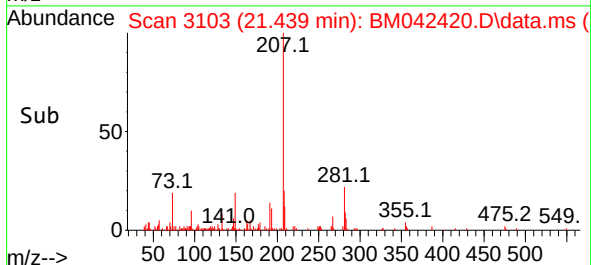
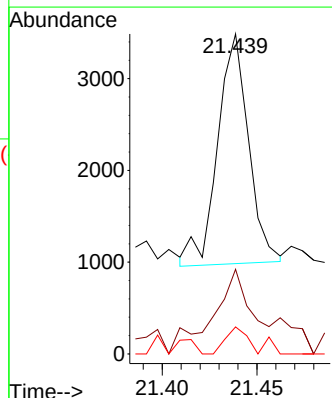
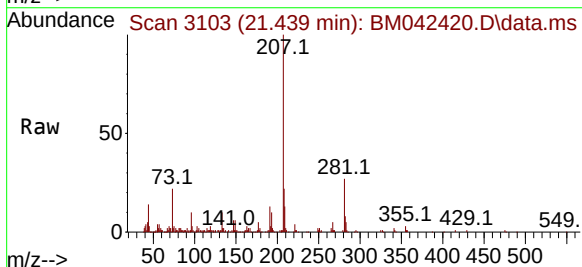
Tgt Ion:149 Resp: 2845

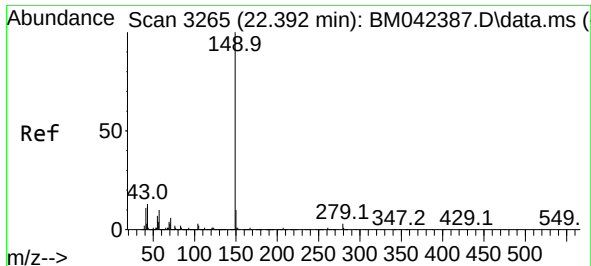
Ion Ratio Lower Upper

149 100

167 26.4 20.9 31.3

279 8.5 2.7 4.1#

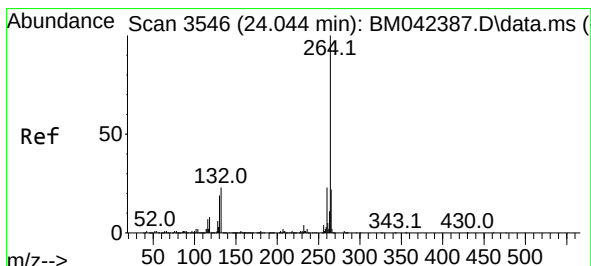
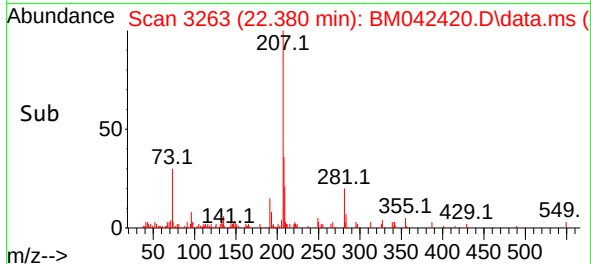
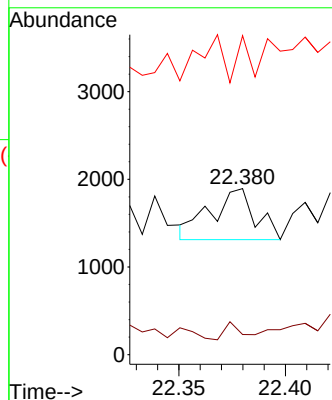
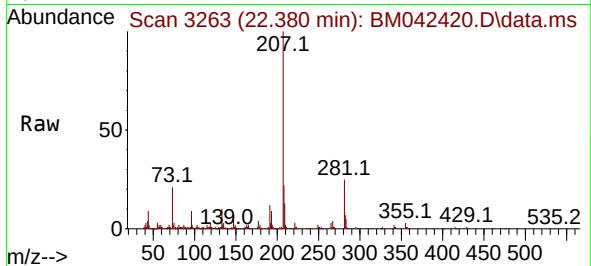




#85
Di-n-octyl phthalate
Concen: 4.239 ng
RT: 22.380 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042420.D
Acq: 24 Oct 2023 15:27

Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-03

Tgt Ion:149 Resp: 841
Ion Ratio Lower Upper
149 100
167 13.6 1.2 1.8#
43 50.4 11.0 16.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.039 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BM042420.D
Acq: 24 Oct 2023 15:27

Tgt Ion:264 Resp: 152423
Ion Ratio Lower Upper
264 100
260 27.8 18.6 27.8
265 24.0 17.8 26.8

