

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042404.D
 Acq On : 23 Oct 2023 16:20
 Operator : MA/JU
 Sample : 04905-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 20:08:04 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)

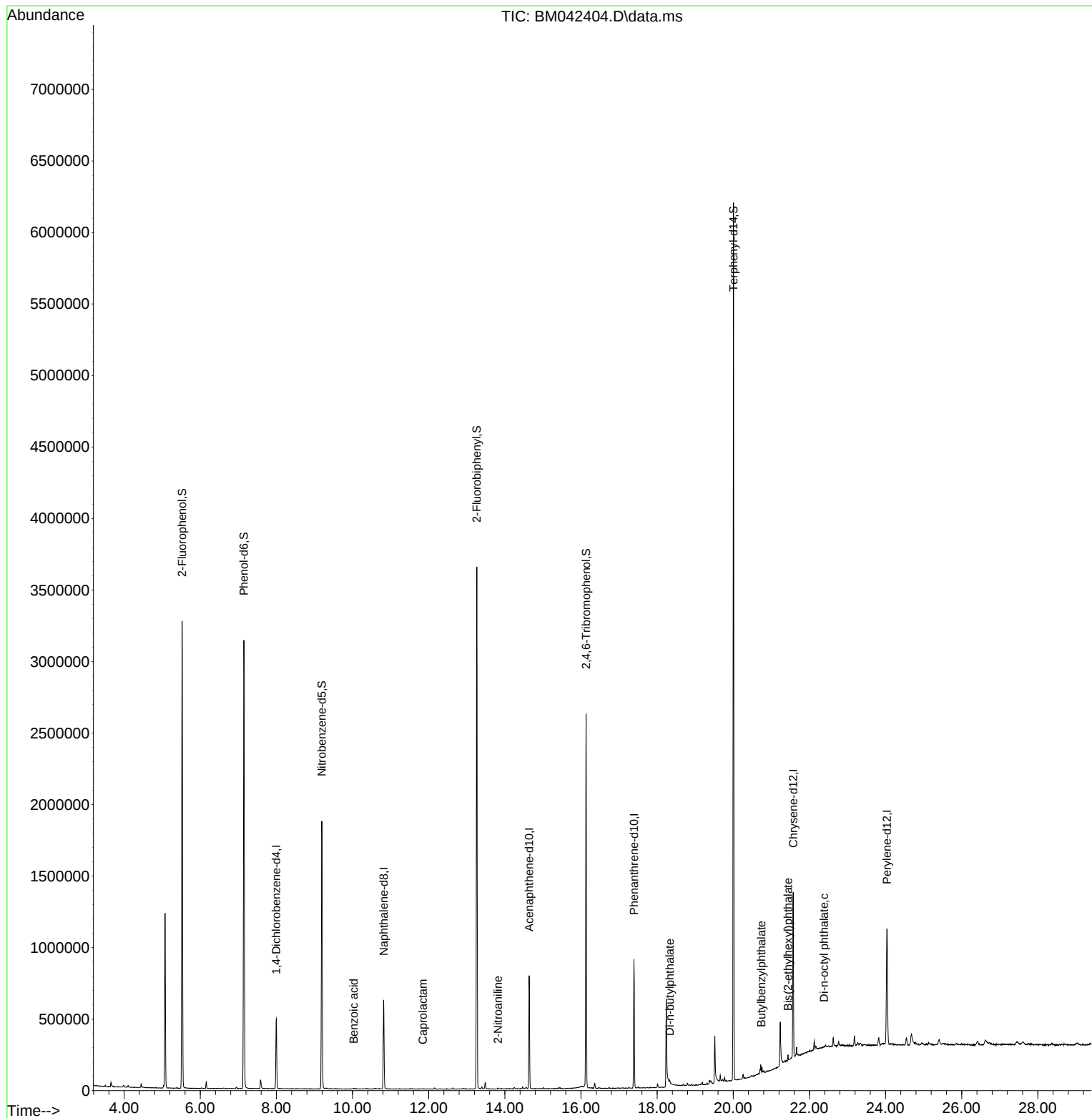
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	120583	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	465871	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	235879	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	480214	20.000	ng	0.00
76) Chrysene-d12	21.574	240	489920	20.000	ng	0.00
86) Perylene-d12	24.038	264	570808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1269424	148.785	ng	0.00
7) Phenol-d6	7.145	99	1639896	143.425	ng	0.00
23) Nitrobenzene-d5	9.192	82	1022134	97.019	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	361912	138.296	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1755605	100.226	ng	0.00
79) Terphenyl-d14	20.003	244	2570685	93.058	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.028	122	311	5.376	ng	# 21
35) Caprolactam	11.845	113	62	5.950	ng	# 56
48) 2-Nitroaniline	13.816	65	67	3.650	ng	# 13
74) Di-n-butylphthalate	18.333	149	12777	3.209	ng	96
80) Butylbenzylphthalate	20.739	149	299	3.276	ng	94
84) Bis(2-ethylhexyl)phtha...	21.439	149	12822	3.909	ng	99
85) Di-n-octyl phthalate	22.380	149	2682	4.283	ng	# 74

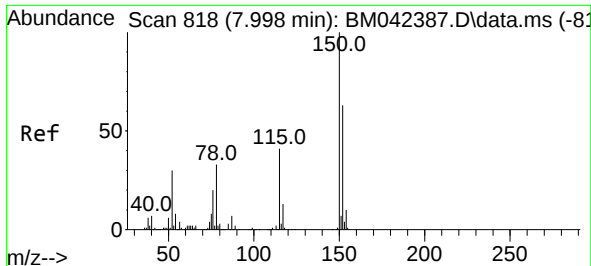
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

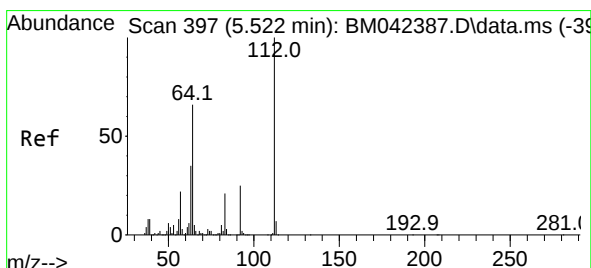
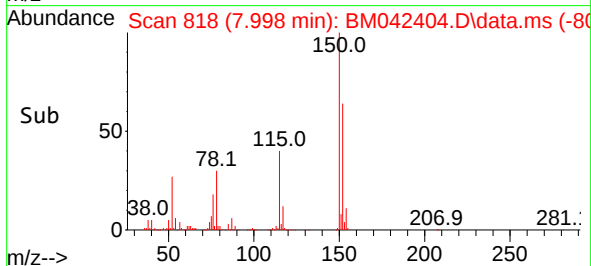
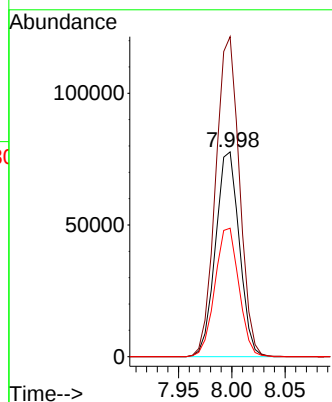
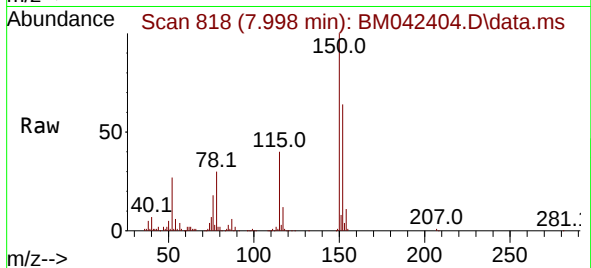




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042404.D
Acq: 23 Oct 2023 16:20

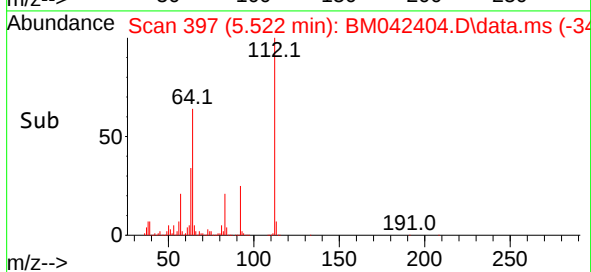
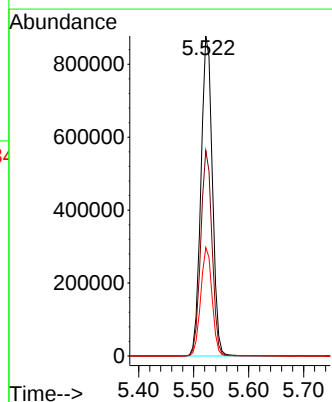
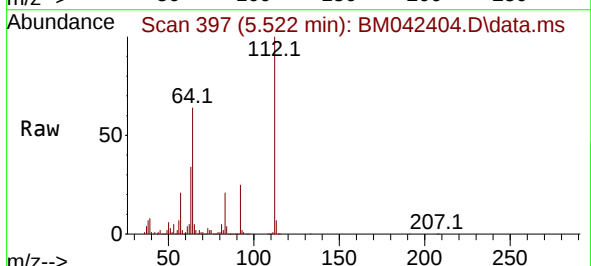
Instrument :
BNA_M
ClientSampleId :

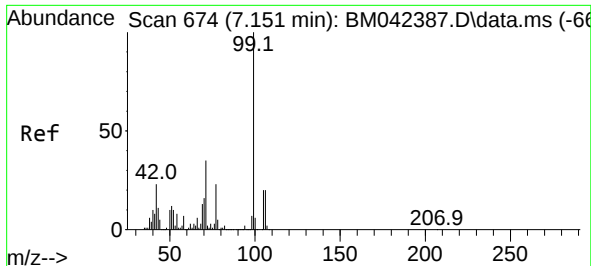
Tgt Ion:152 Resp: 120583
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.4
115 62.7 51.9 77.9



#5
2-Fluorophenol
Concen: 148.785 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042404.D
Acq: 23 Oct 2023 16:20

Tgt Ion:112 Resp: 1269424
Ion Ratio Lower Upper
112 100
64 64.2 52.7 79.1
63 33.8 28.3 42.5

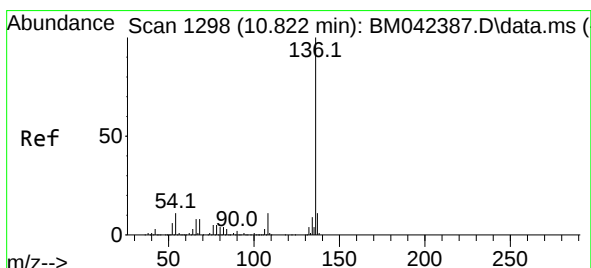
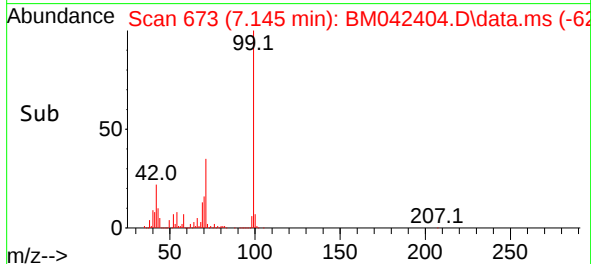
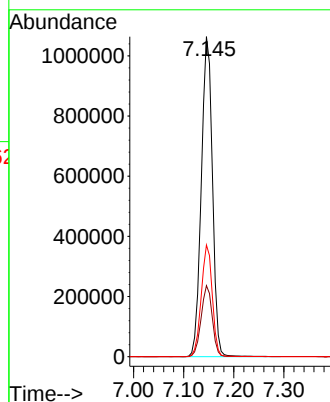
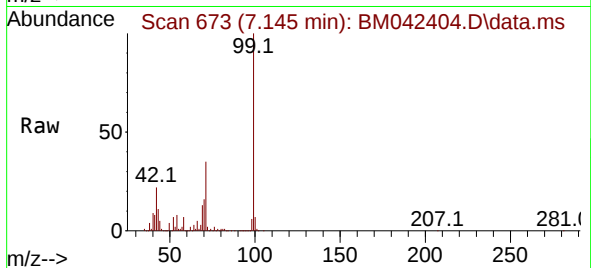




#7
Phenol-d6
Concen: 143.425 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042404.D
Acq: 23 Oct 2023 16:20

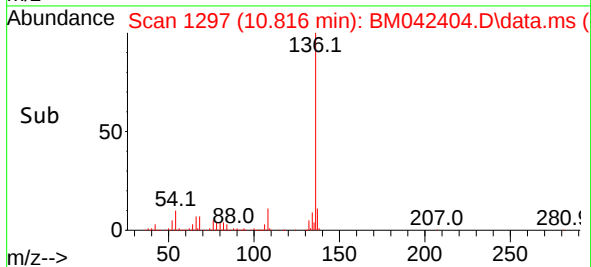
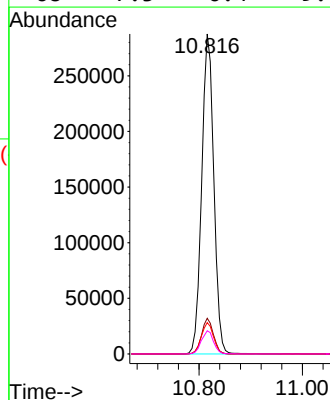
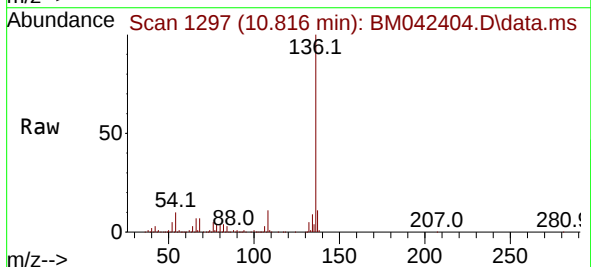
Instrument :
BNA_M
ClientSampleId :

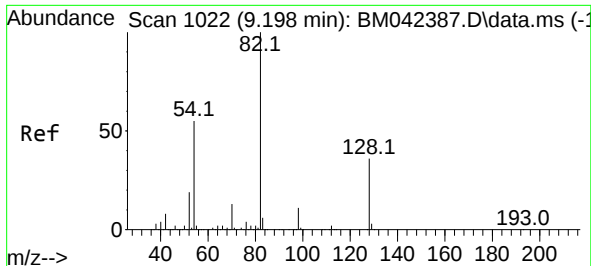
Tgt Ion: 99 Resp: 1639896
Ion Ratio Lower Upper
99 100
42 22.2 18.5 27.7
71 34.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042404.D
Acq: 23 Oct 2023 16:20

Tgt Ion:136 Resp: 465871
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.8 8.6 12.8
68 7.3 6.4 9.6

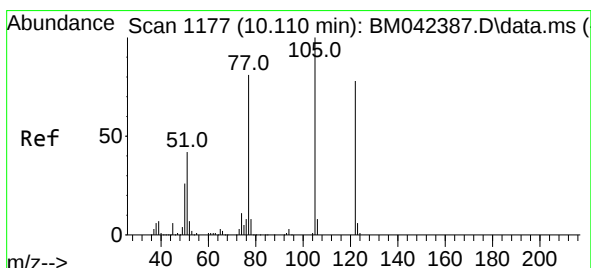
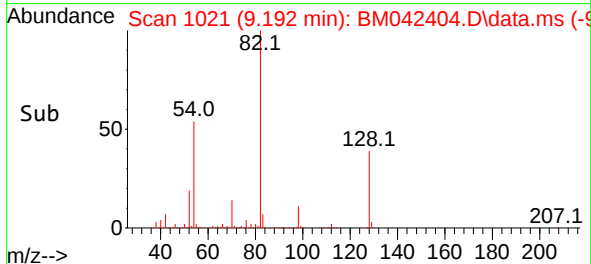
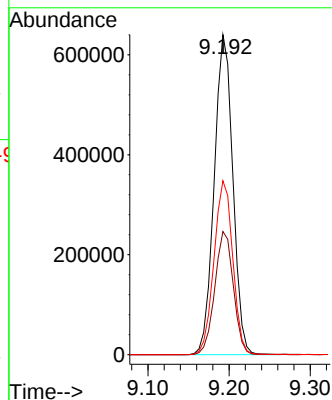
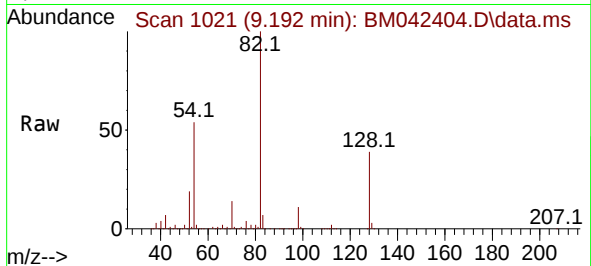




#23
Nitrobenzene-d5
Concen: 97.019 ng
RT: 9.192 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM042404.D
Acq: 23 Oct 2023 16:20

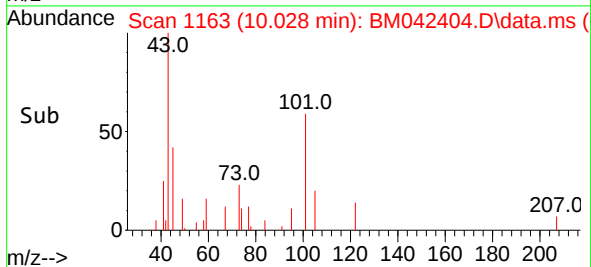
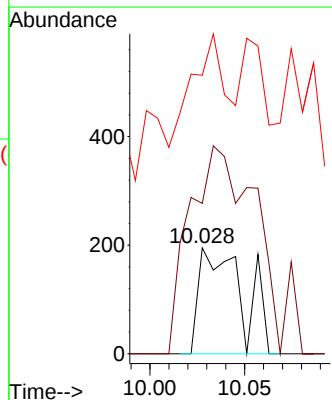
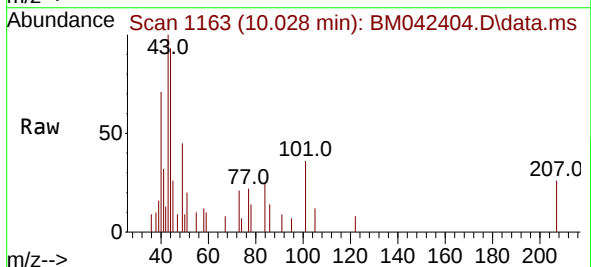
Instrument :
BNA_M
ClientSampleId :

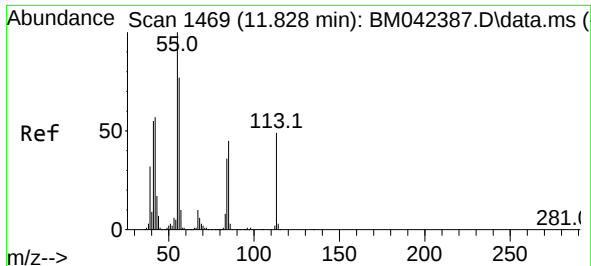
Tgt Ion: 82 Resp: 1022134
Ion Ratio Lower Upper
82 100
128 38.5 29.0 43.6
54 54.3 43.7 65.5



#32
Benzoic acid
Concen: 5.376 ng
RT: 10.028 min Scan# 1163
Delta R.T. -0.082 min
Lab File: BM042404.D
Acq: 23 Oct 2023 16:20

Tgt Ion:122 Resp: 311
Ion Ratio Lower Upper
122 100
105 142.1 104.9 144.9
77 263.1 83.4 123.4#

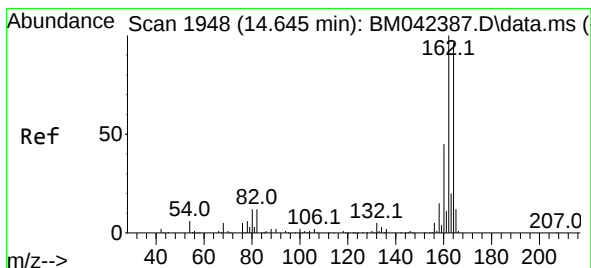
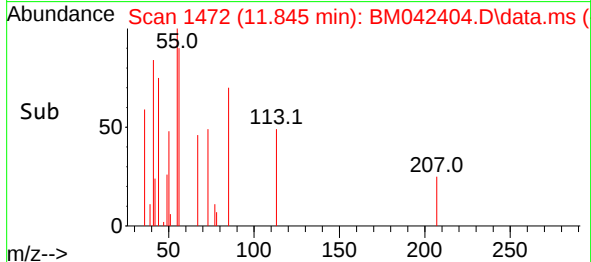
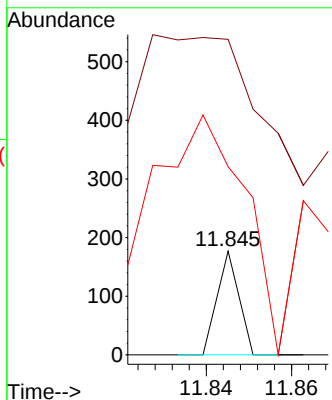
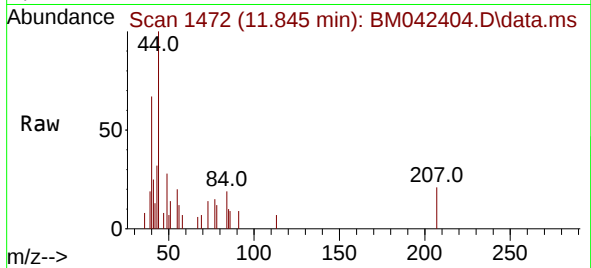




#35
Caprolactam
Concen: 5.950 ng
RT: 11.845 min Scan# 1469
Delta R.T. 0.017 min
Lab File: BM042404.D
Acq: 23 Oct 2023 16:20

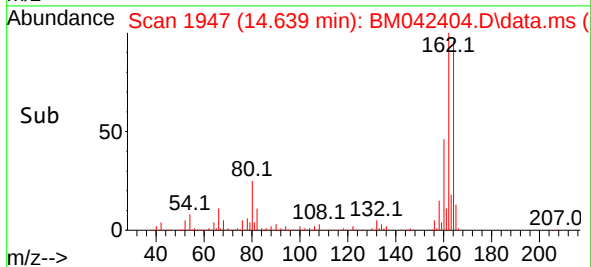
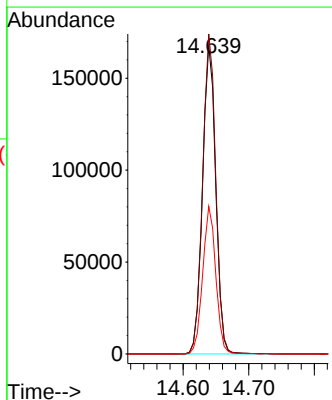
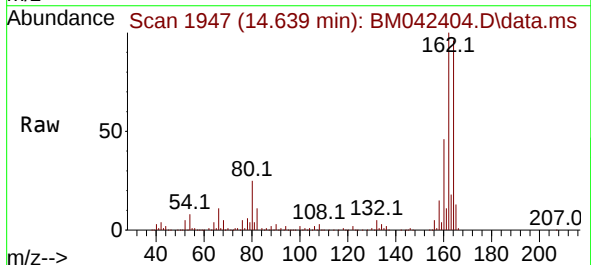
Instrument :
BNA_M
ClientSampleId :

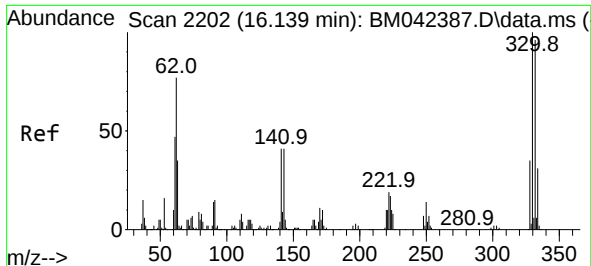
Tgt Ion:113 Resp: 62
Ion Ratio Lower Upper
113 100
55 304.0 185.6 225.6#
56 181.4 137.8 177.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042404.D
Acq: 23 Oct 2023 16:20

Tgt Ion:164 Resp: 235879
Ion Ratio Lower Upper
164 100
162 103.8 83.0 124.4
160 47.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 138.296 ng

RT: 16.133 min Scan# 21

Delta R.T. -0.006 min

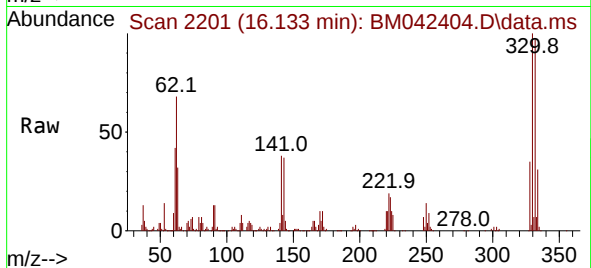
Lab File: BM042404.D

Acq: 23 Oct 2023 16:20

Instrument :

BNA_M

ClientSampleId :



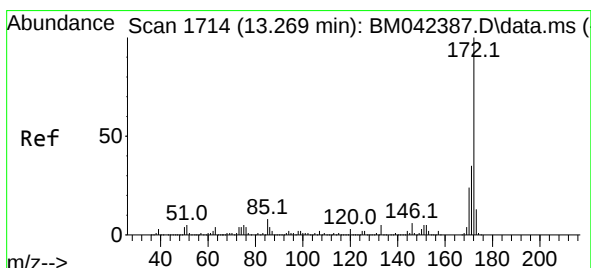
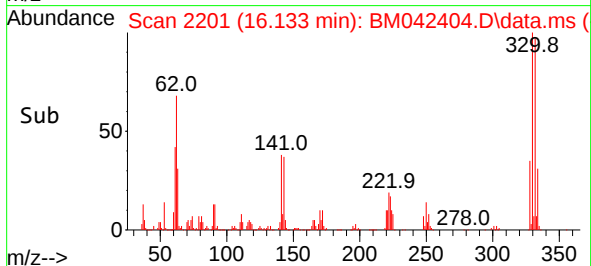
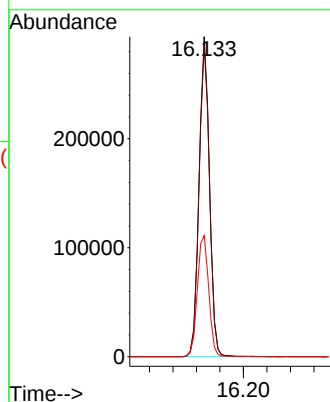
Tgt Ion:330 Resp: 361912

Ion Ratio Lower Upper

330 100

332 97.4 77.6 116.4

141 41.1 38.0 57.0



#45

2-Fluorobiphenyl

Concen: 100.226 ng

RT: 13.263 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM042404.D

Acq: 23 Oct 2023 16:20

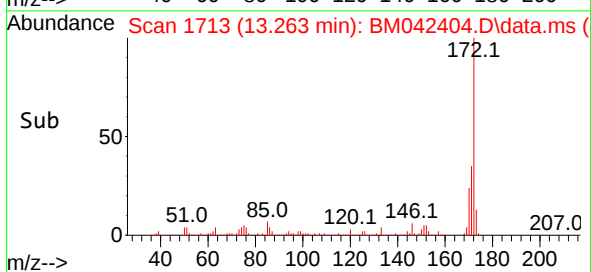
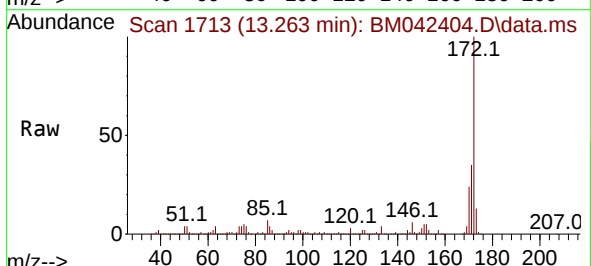
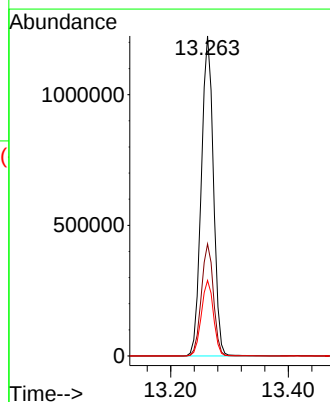
Tgt Ion:172 Resp: 1755605

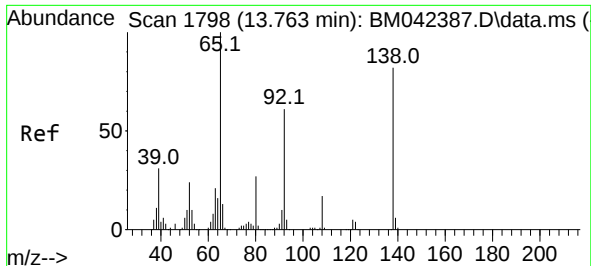
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

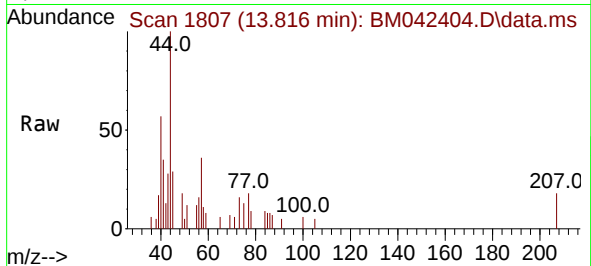
170 23.6 18.9 28.3



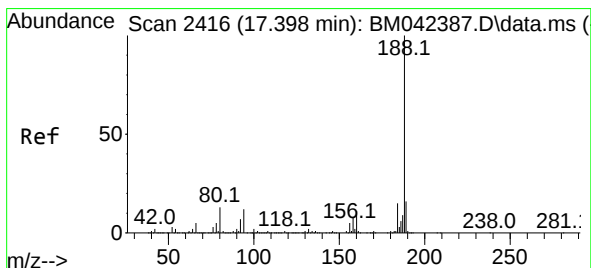
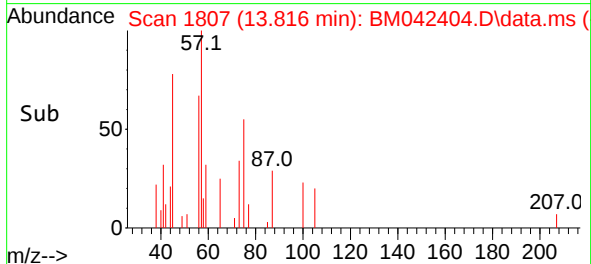
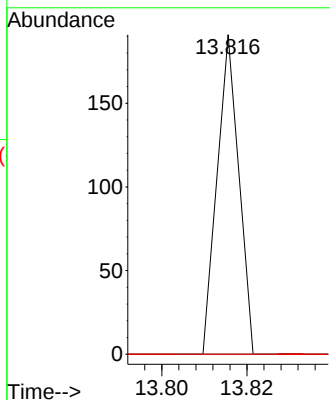


#48
2-Nitroaniline
Concen: 3.650 ng
RT: 13.816 min Scan# 11
Delta R.T. 0.053 min
Lab File: BM042404.D
Acq: 23 Oct 2023 16:20

Instrument :
BNA_M
ClientSampleId :

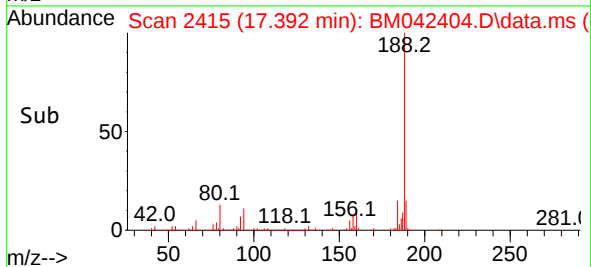
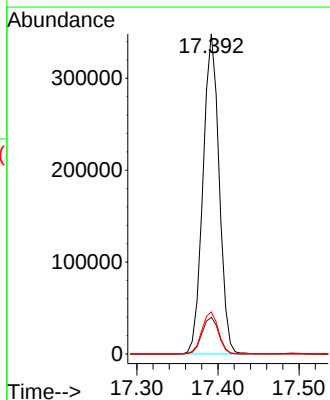
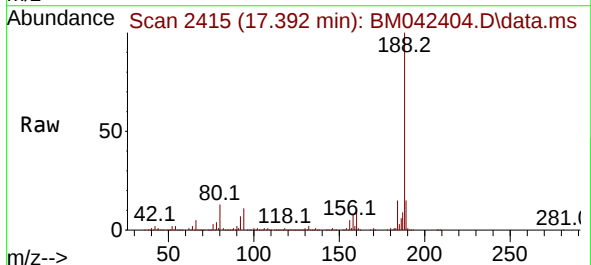


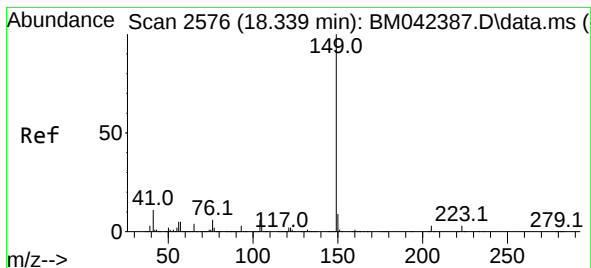
Tgt Ion: 65 Resp: 67
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 0.0 65.5 98.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042404.D
Acq: 23 Oct 2023 16:20

Tgt Ion:188 Resp: 480214
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.0
80 13.2 10.7 16.1





#74

Di-n-butylphthalate

Concen: 3.209 ng

RT: 18.333 min Scan# 21

Delta R.T. -0.006 min

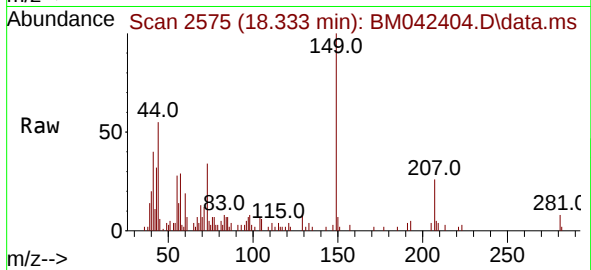
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Acq: 23 Oct 2023 16:20

Instrument :

BNA_M

ClientSampleId :



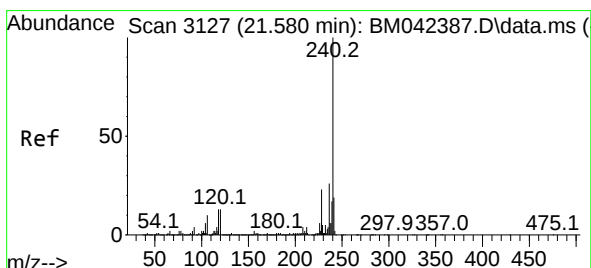
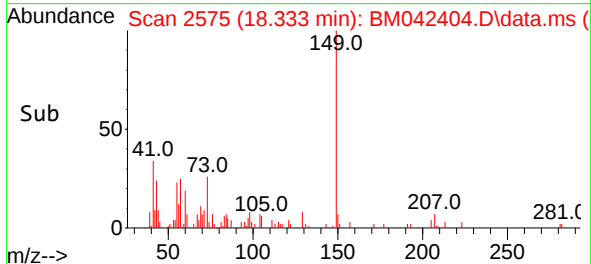
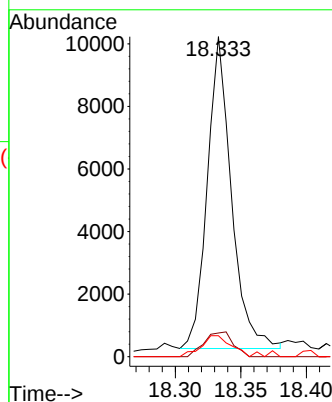
Tgt Ion:149 Resp: 12777

Ion Ratio Lower Upper

149 100

150 7.4 7.4 11.0

104 6.5 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: BM042404.D

Acq: 23 Oct 2023 16:20

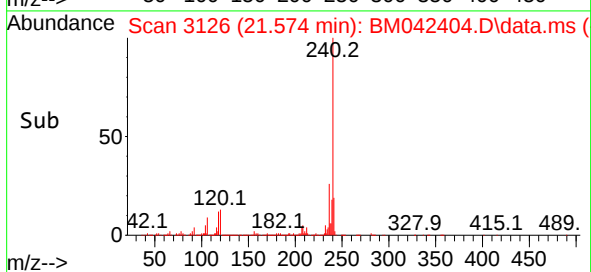
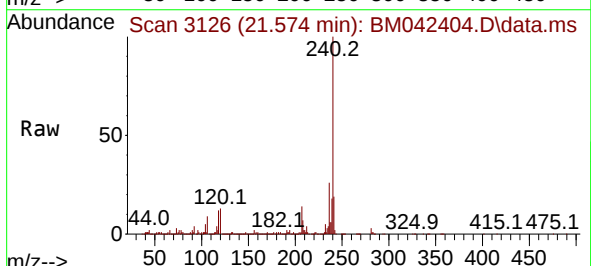
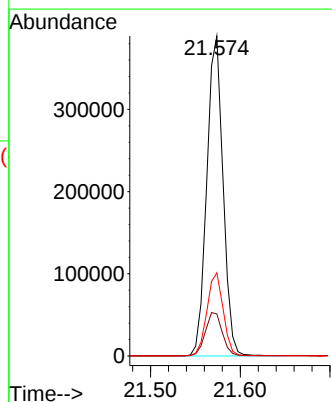
Tgt Ion:240 Resp: 489920

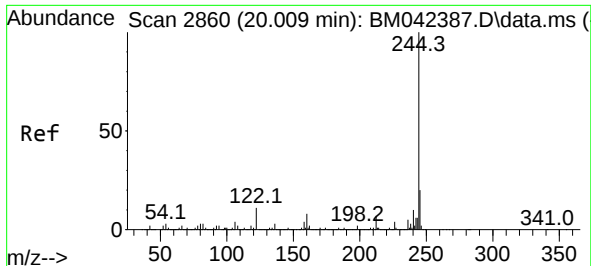
Ion Ratio Lower Upper

240 100

120 13.2 10.7 16.1

236 26.0 20.7 31.1

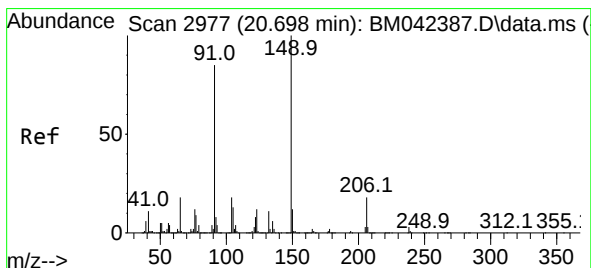
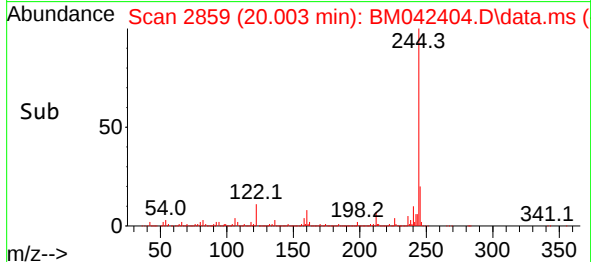
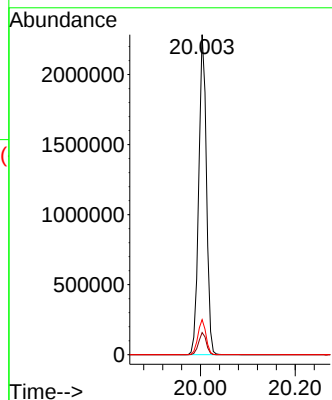
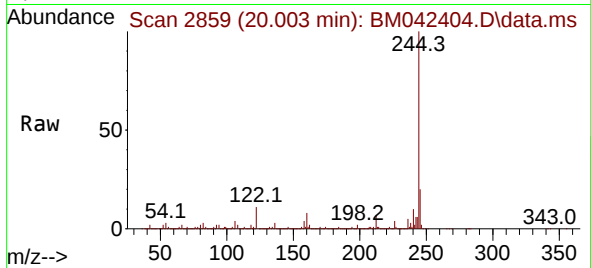




#79
 Terphenyl-d14
 Concen: 93.058 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042404.D
 Acq: 23 Oct 2023 16:20

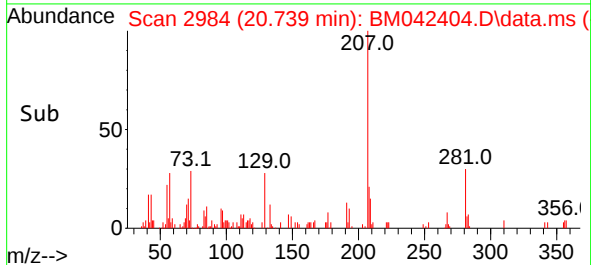
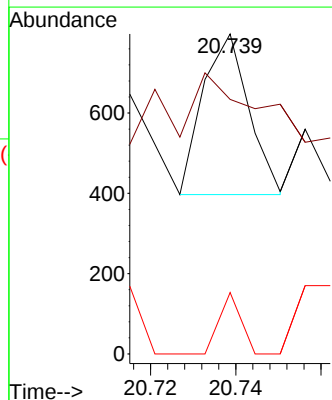
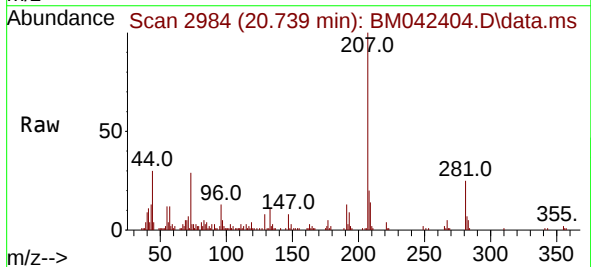
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 ClientSampleId :

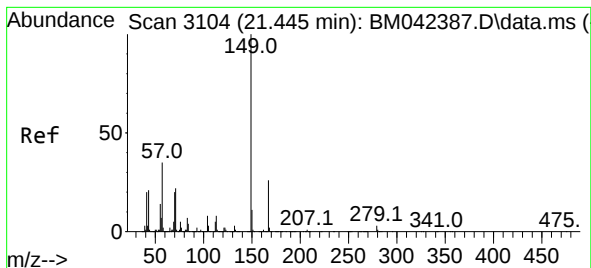
Tgt Ion:244 Resp: 2570685
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.0 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.276 ng
 RT: 20.739 min Scan# 2984
 Delta R.T. 0.041 min
 Lab File: BM042404.D
 Acq: 23 Oct 2023 16:20

Tgt Ion:149 Resp: 299
 Ion Ratio Lower Upper
 149 100
 91 79.5 68.3 102.5
 206 19.2 14.6 22.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.909 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042404.D

Acq: 23 Oct 2023 16:20

Instrument :

BNA_M

ClientSampleId :

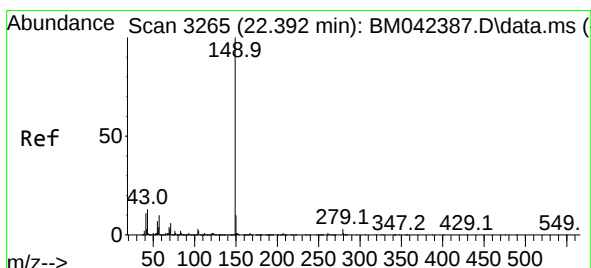
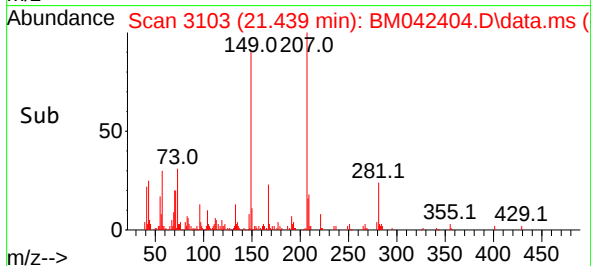
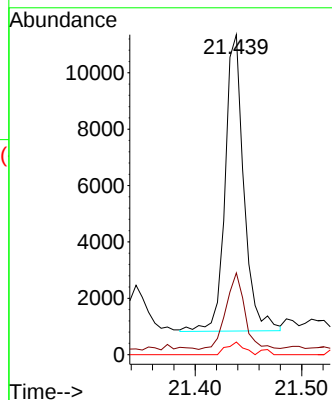
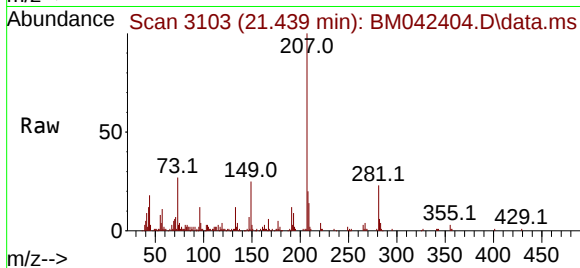
Tgt Ion:149 Resp: 12822

Ion Ratio Lower Upper

149 100

167 25.6 20.9 31.3

279 3.9 2.7 4.1



#85

Di-n-octyl phthalate

Concen: 4.283 ng

RT: 22.380 min Scan# 3263

Delta R.T. -0.012 min

Lab File: BM042404.D

Acq: 23 Oct 2023 16:20

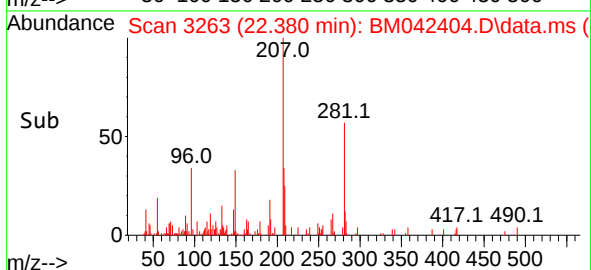
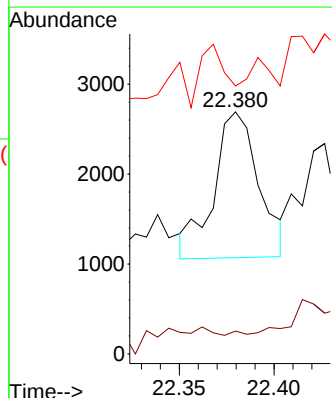
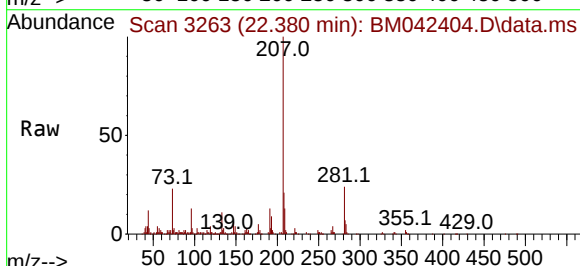
Tgt Ion:149 Resp: 2682

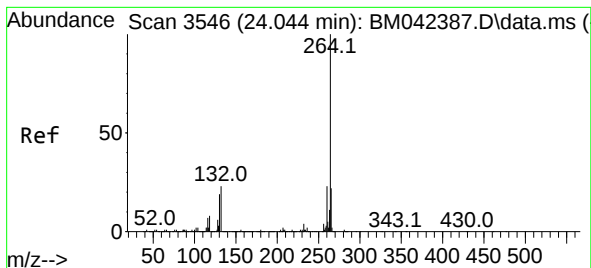
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 25.2 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.038 min Scan# 3

Delta R.T. -0.006 min

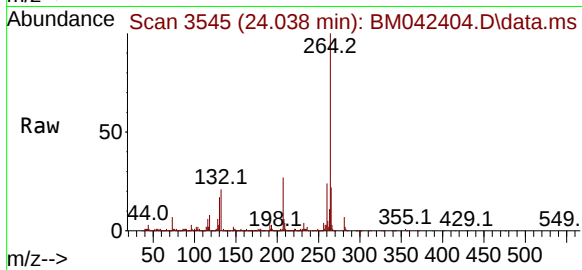
Lab File: BM042404.D

Acq: 23 Oct 2023 16:20

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:264 Resp: 570808

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.3 17.8 26.8

