

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042416.D
 Acq On : 24 Oct 2023 13:01
 Operator : MA/JU
 Sample : 04920-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-B3-COMP-101623

Quant Time: Oct 24 13:37:54 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)

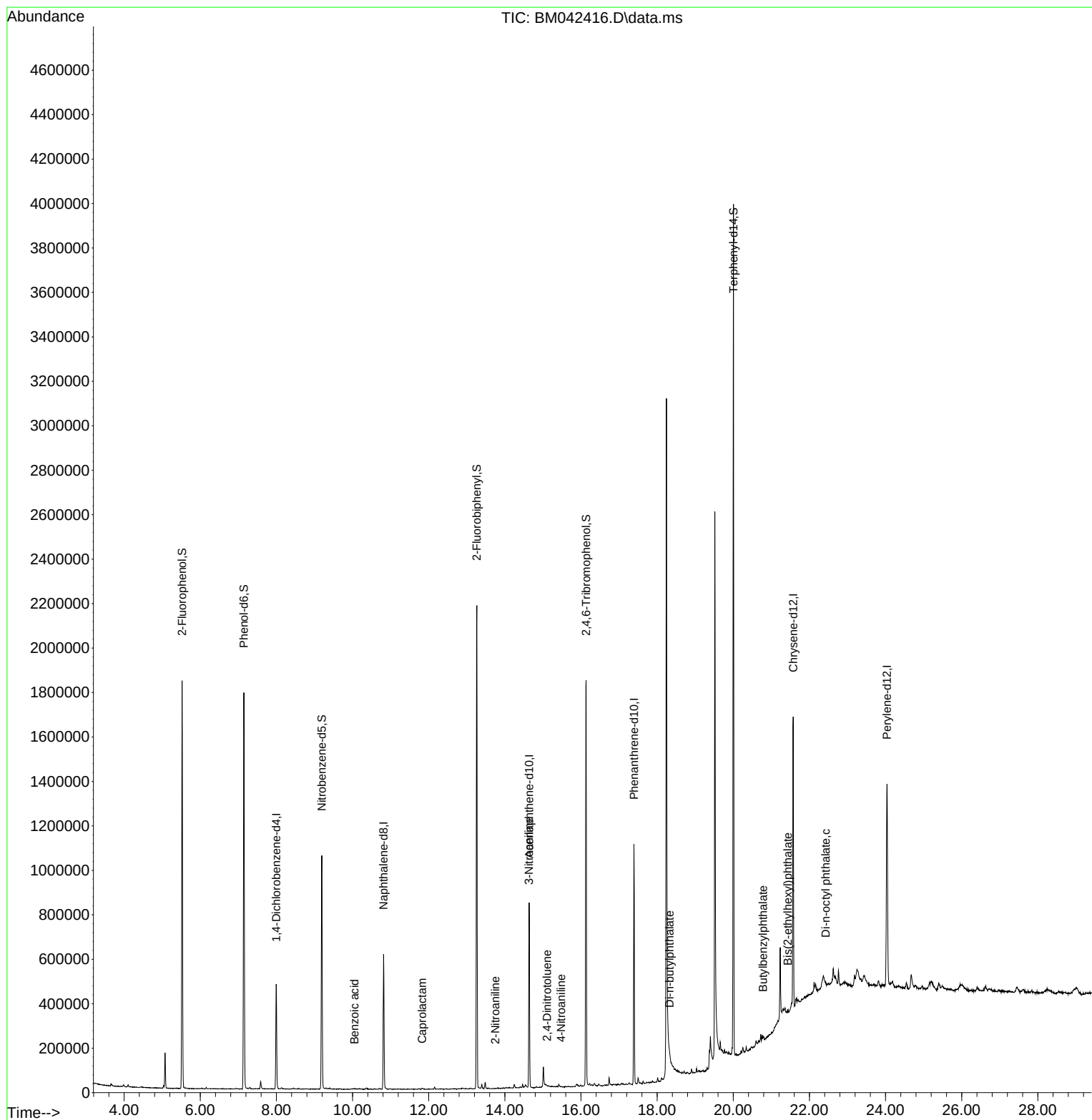
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	120378	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	461462	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	266378	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	594549	20.000	ng	0.00
76) Chrysene-d12	21.574	240	606357	20.000	ng	0.00
86) Perylene-d12	24.038	264	681554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	709786	83.333	ng	0.00
7) Phenol-d6	7.145	99	924819	81.022	ng	0.00
23) Nitrobenzene-d5	9.192	82	570970	54.713	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	311133	107.486	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1074424	54.315	ng	0.00
79) Terphenyl-d14	20.003	244	1634460	47.805	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	10.045	122	798	5.458	ng #	62
35) Caprolactam	11.827	113	589	6.137	ng #	55
48) 2-Nitroaniline	13.751	65	120	3.656	ng #	13
53) 3-Nitroaniline	14.633	138	54	3.275	ng #	1
57) 2,4-Dinitrotoluene	15.110	165	58	4.072	ng #	6
62) 4-Nitroaniline	15.474	138	55	3.811	ng #	12
74) Di-n-butylphthalate	18.327	149	3725	2.910	ng #	93
80) Butylbenzylphthalate	20.780	149	168	3.267	ng	85
84) Bis(2-ethylhexyl)phtha...	21.433	149	4634	3.526	ng #	94
85) Di-n-octyl phthalate	22.427	149	1765	4.253	ng #	15

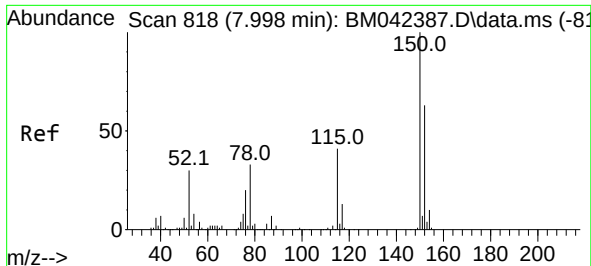
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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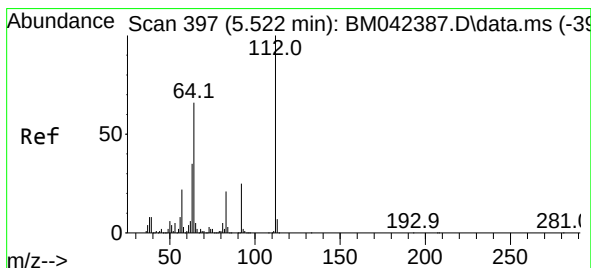
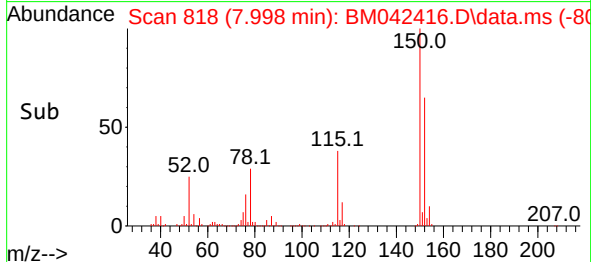
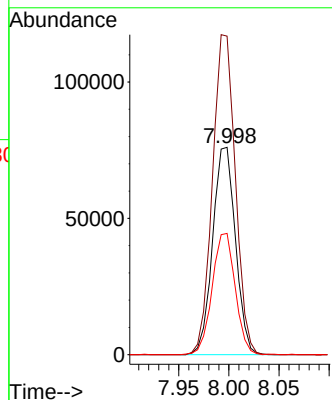
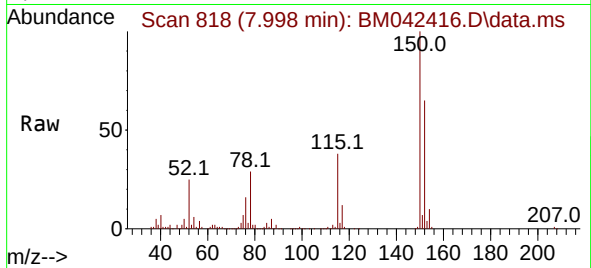




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

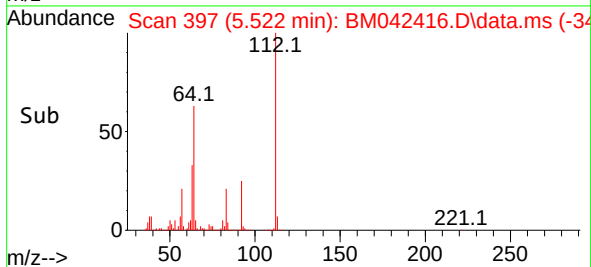
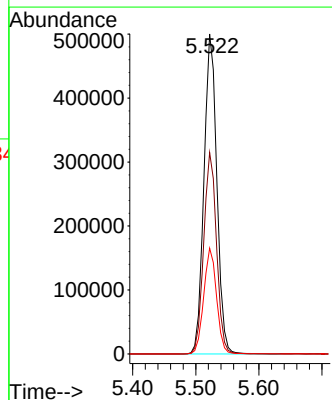
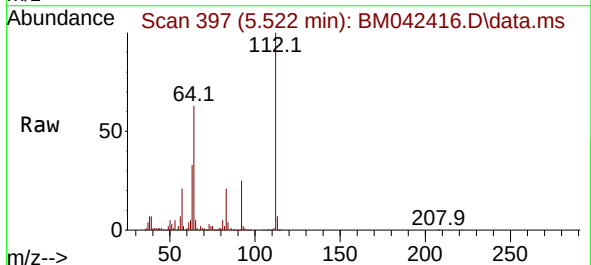
Instrument :
BNA_M
ClientSampleId :
LSS-B3-COMP-101623

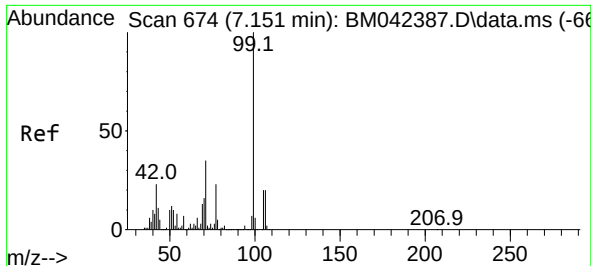
Tgt Ion:152 Resp: 120378
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.4
115 58.5 51.9 77.9



#5
2-Fluorophenol
Concen: 83.333 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

Tgt Ion:112 Resp: 709786
Ion Ratio Lower Upper
112 100
64 62.9 52.7 79.1
63 33.1 28.3 42.5

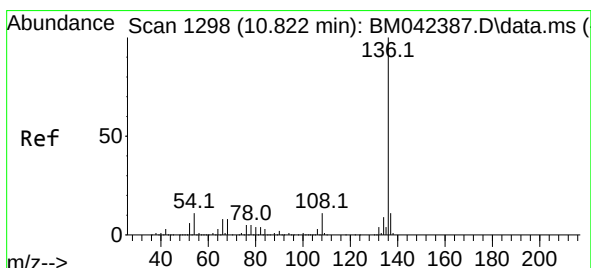
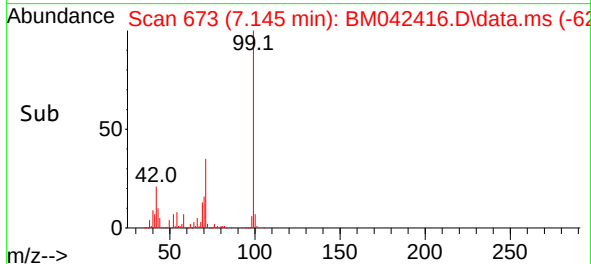
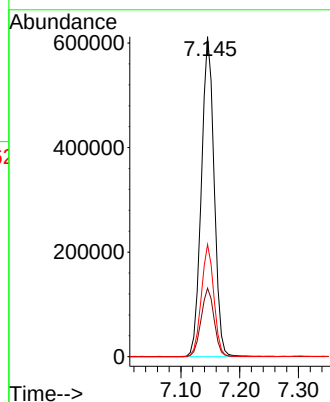
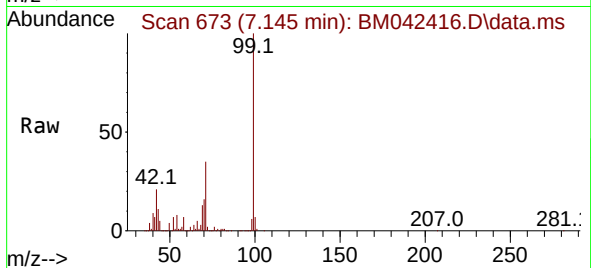




#7
Phenol-d6
Concen: 81.022 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

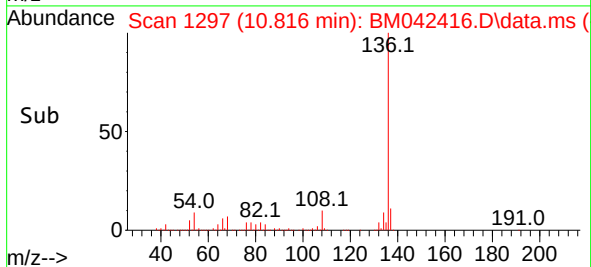
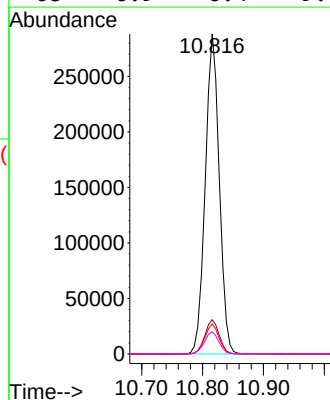
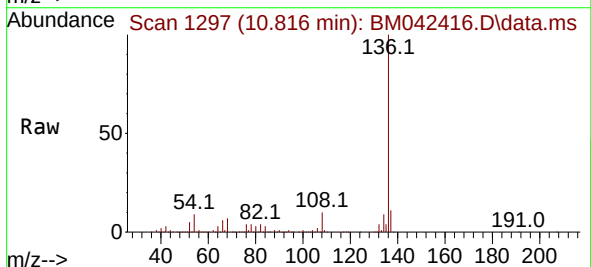
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BNA_M
ClientSampleId :
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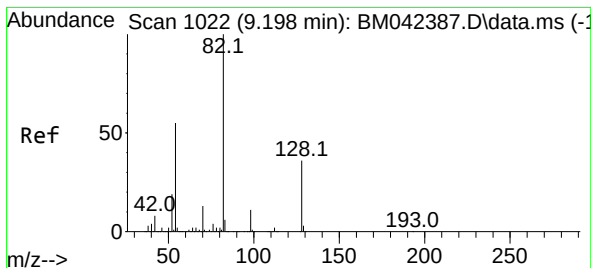
Tgt Ion: 99 Resp: 924819
Ion Ratio Lower Upper
99 100
42 21.4 18.5 27.7
71 35.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

Tgt Ion: 136 Resp: 461462
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.4 8.6 12.8
68 6.9 6.4 9.6





#23

Nitrobenzene-d5

Concen: 54.713 ng

RT: 9.192 min Scan# 110

Delta R.T. -0.006 min

Lab File: BM042416.D

Acq: 24 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

LSS-B3-COMP-101623

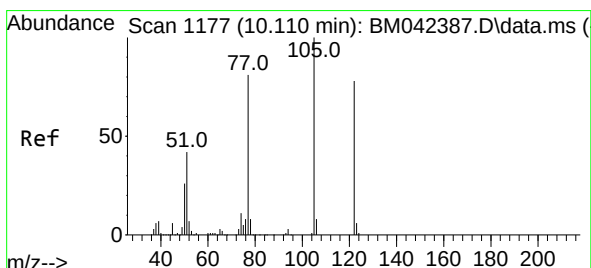
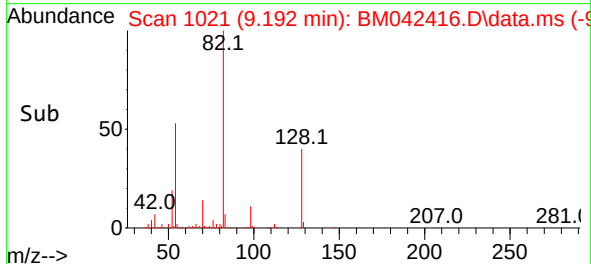
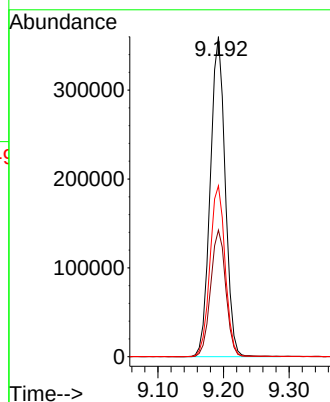
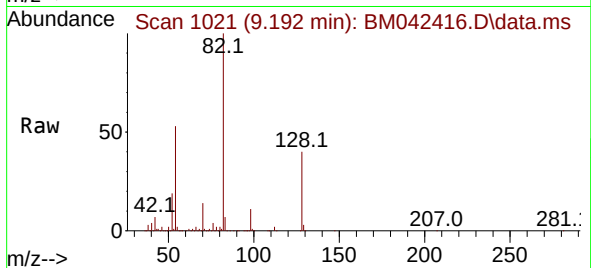
Tgt Ion: 82 Resp: 570970

Ion Ratio Lower Upper

82 100

128 39.6 29.0 43.6

54 53.4 43.7 65.5



#32

Benzoic acid

Concen: 5.458 ng

RT: 10.045 min Scan# 1166

Delta R.T. -0.065 min

Lab File: BM042416.D

Acq: 24 Oct 2023 13:01

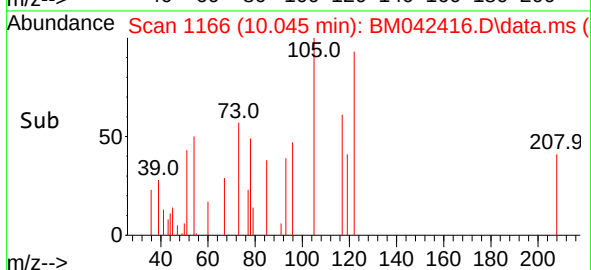
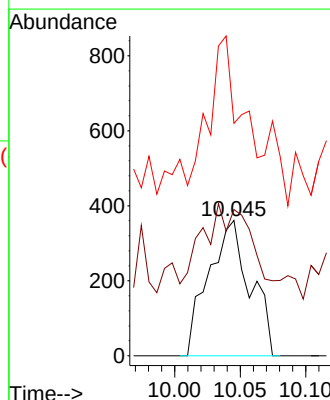
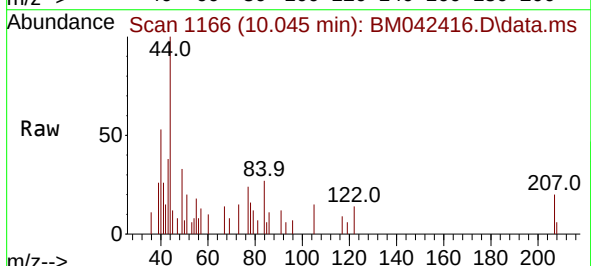
Tgt Ion:122 Resp: 798

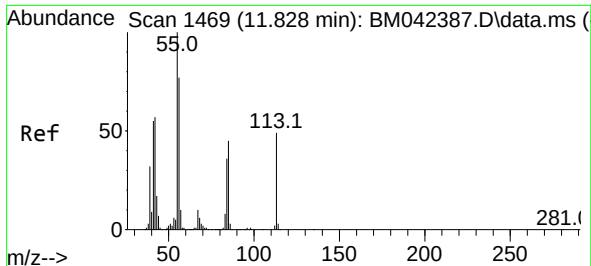
Ion Ratio Lower Upper

122 100

105 108.0 104.9 144.9

77 171.7 83.4 123.4#

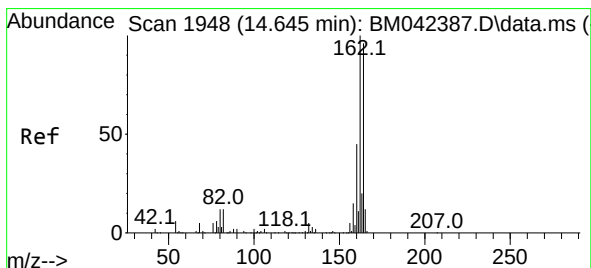
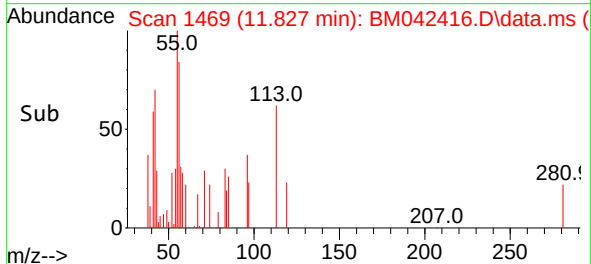
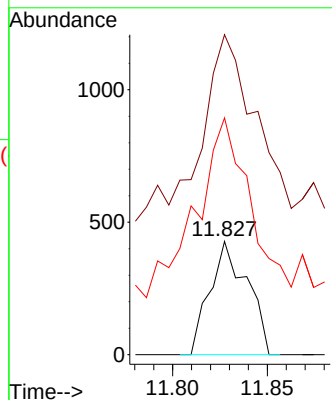
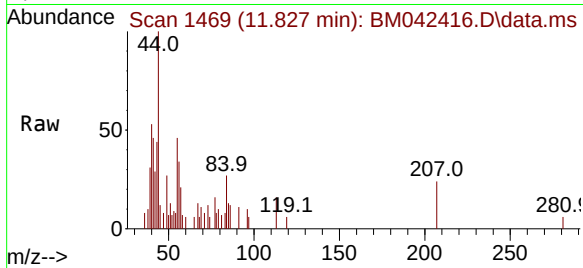




#35
Caprolactam
Concen: 6.137 ng
RT: 11.827 min Scan# 1469
Delta R.T. -0.001 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

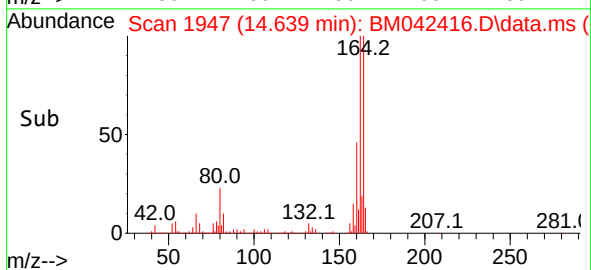
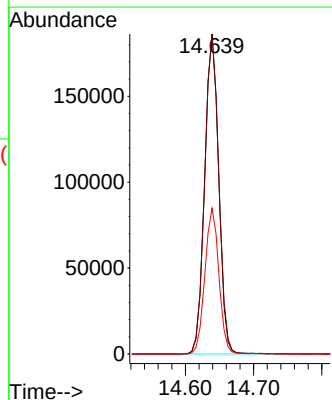
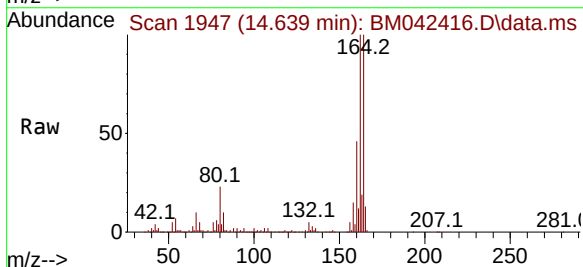
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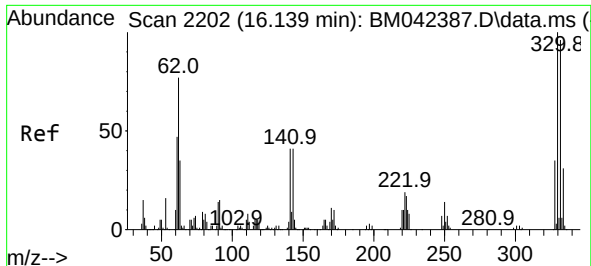
Tgt Ion:113 Resp: 589
Ion Ratio Lower Upper
113 100
55 282.2 185.6 225.6#
56 208.9 137.8 177.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

Tgt Ion:164 Resp: 266378
Ion Ratio Lower Upper
164 100
162 100.0 83.0 124.4
160 45.6 37.0 55.4

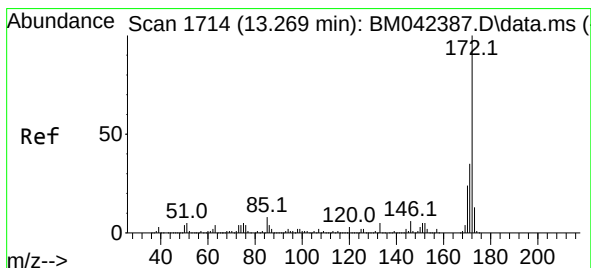
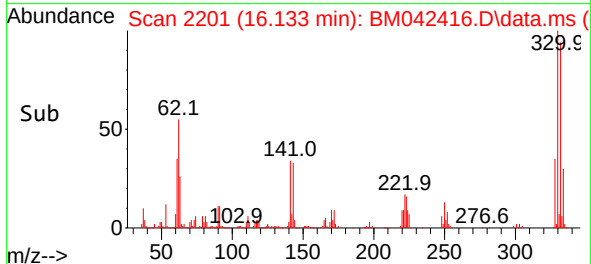
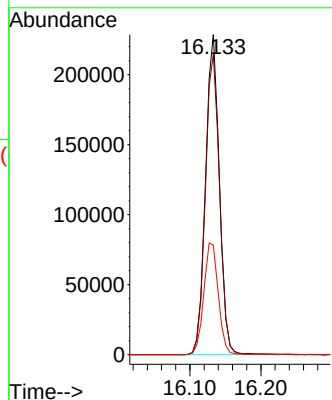
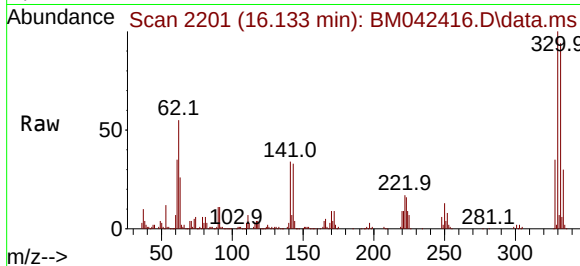




#42
2,4,6-Tribromophenol
Concen: 107.486 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

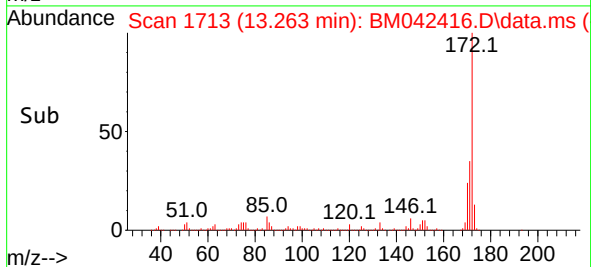
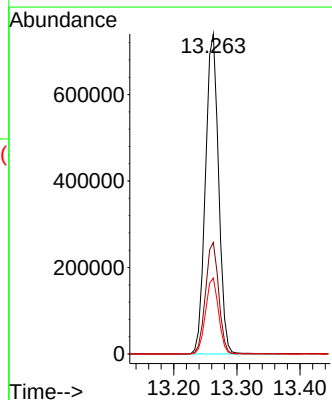
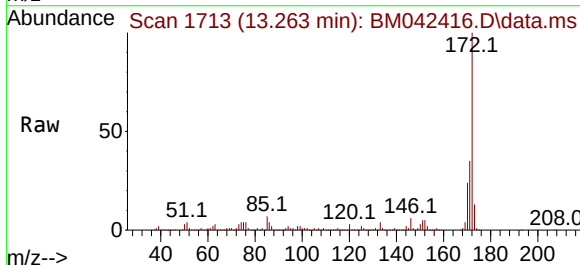
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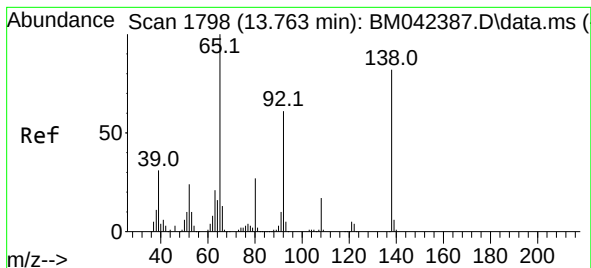
Tgt Ion:330 Resp: 311133
Ion Ratio Lower Upper
330 100
332 95.6 77.6 116.4
141 36.6 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 54.315 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

Tgt Ion:172 Resp: 1074424
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.8 18.9 28.3





#48

2-Nitroaniline

Concen: 3.656 ng

RT: 13.751 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042416.D

Acq: 24 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

LSS-B3-COMP-101623

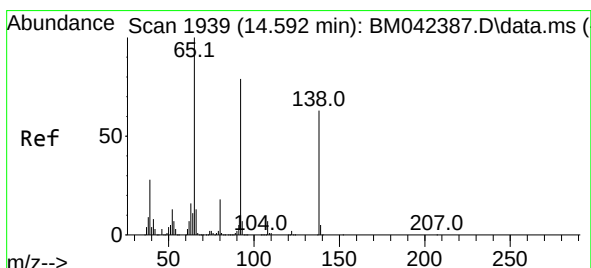
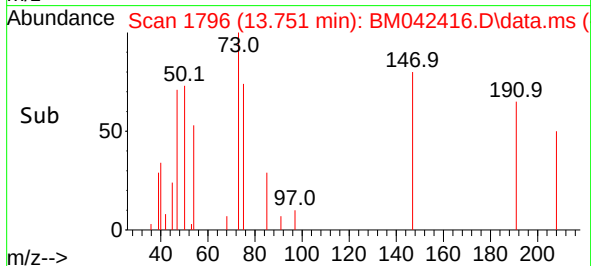
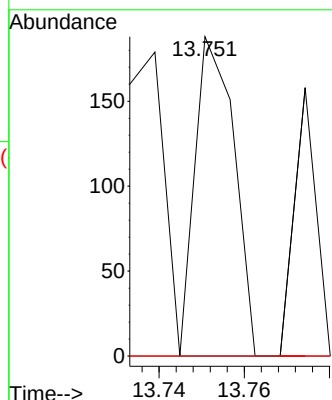
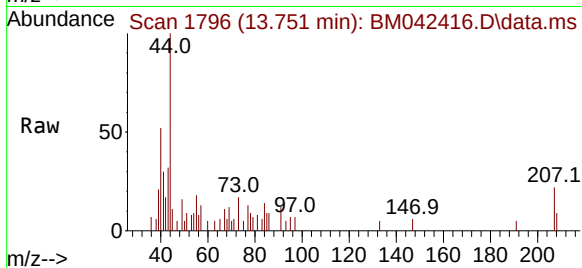
Tgt Ion: 65 Resp: 120

Ion Ratio Lower Upper

65 100

92 0.0 49.0 73.6#

138 0.0 65.5 98.3#



#53

3-Nitroaniline

Concen: 3.275 ng

RT: 14.633 min Scan# 1946

Delta R.T. 0.041 min

Lab File: BM042416.D

Acq: 24 Oct 2023 13:01

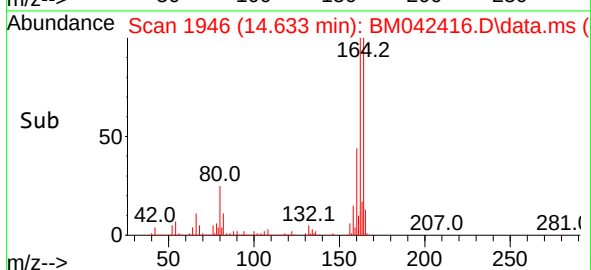
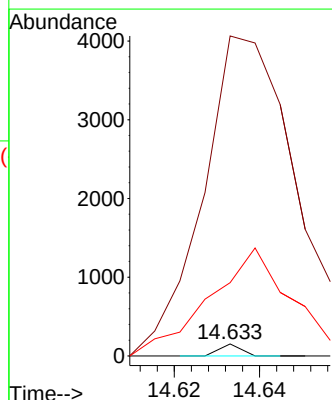
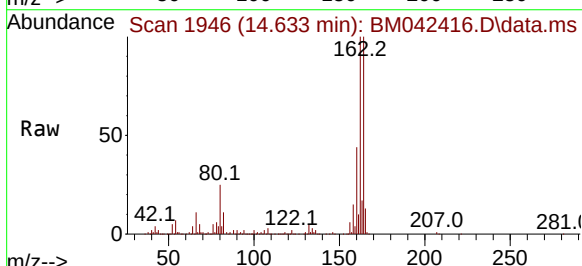
Tgt Ion:138 Resp: 54

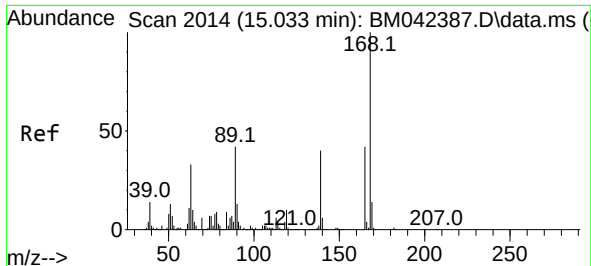
Ion Ratio Lower Upper

138 100

108 2673.7 8.3 12.5#

92 612.5 100.6 151.0#

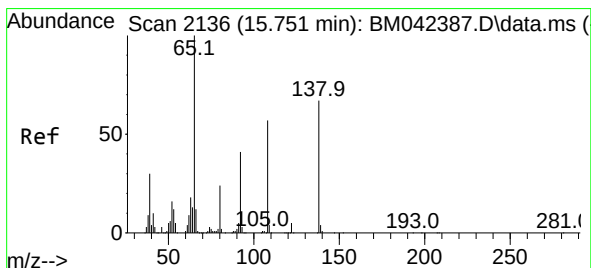
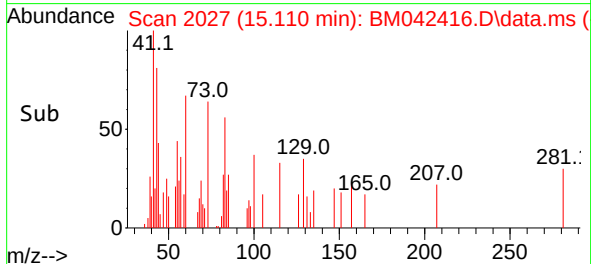
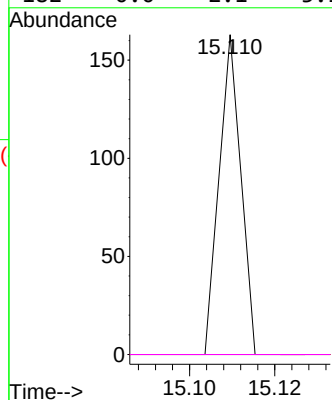
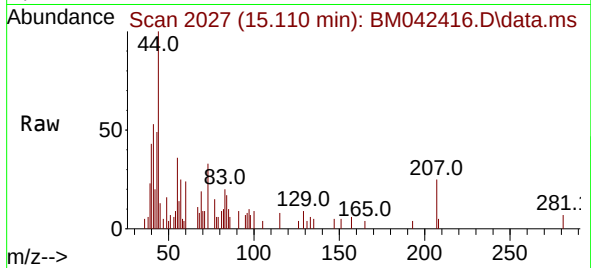




#57
2,4-Dinitrotoluene
Concen: 4.072 ng
RT: 15.110 min Scan# 2089
Delta R.T. 0.077 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

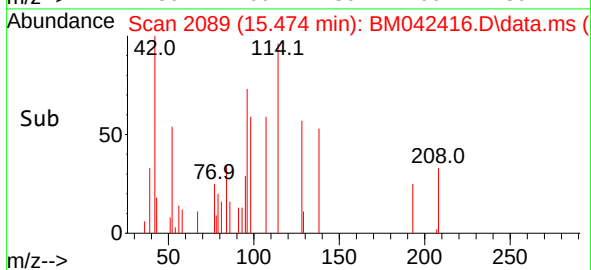
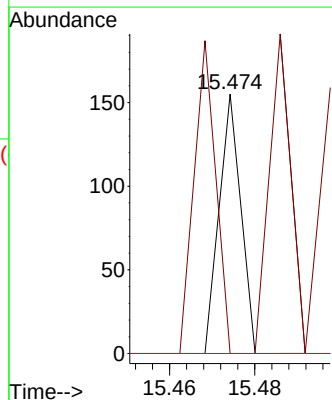
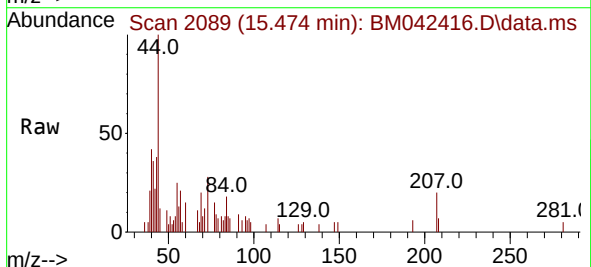
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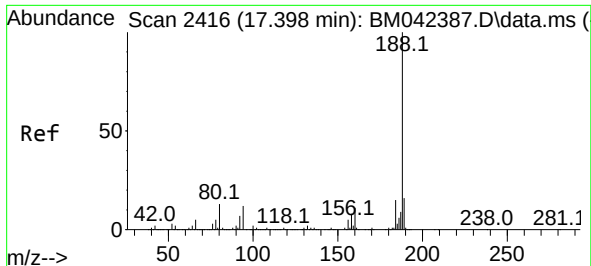
Tgt Ion:165 Resp: 58
Ion Ratio Lower Upper
165 100
63 0.0 62.9 94.3#
89 0.0 80.2 120.2#
182 0.0 2.1 3.1#



#62
4-Nitroaniline
Concen: 3.811 ng
RT: 15.474 min Scan# 2089
Delta R.T. -0.277 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
92 0.0 40.4 80.4#
108 0.0 65.3 105.3#

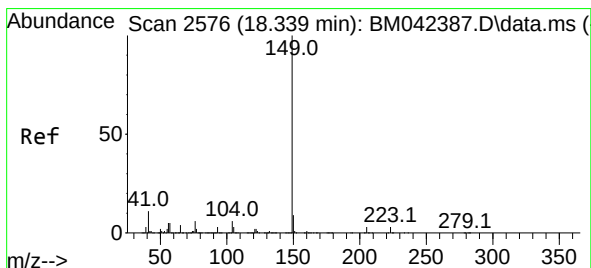
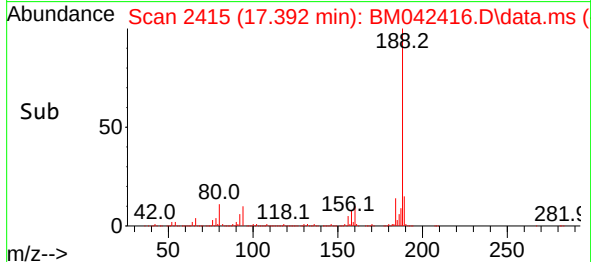
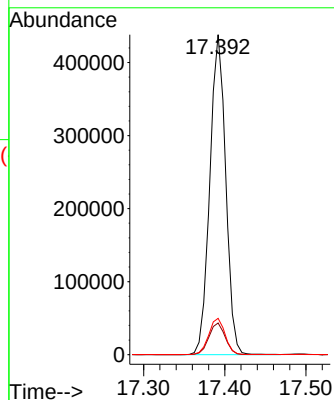
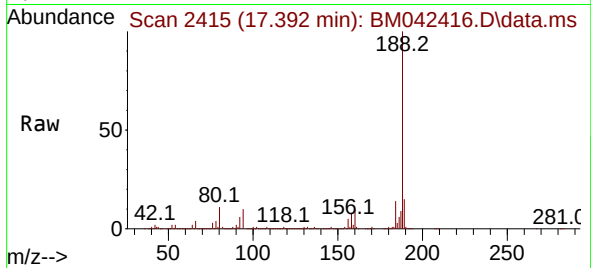




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

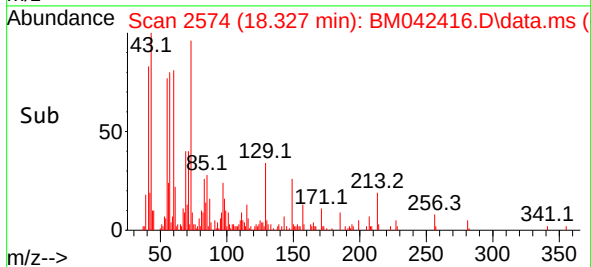
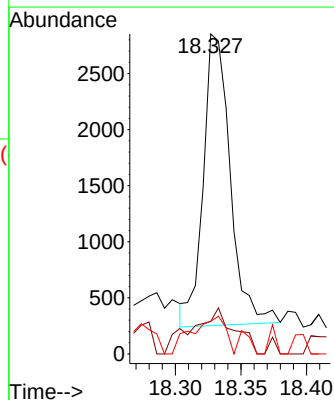
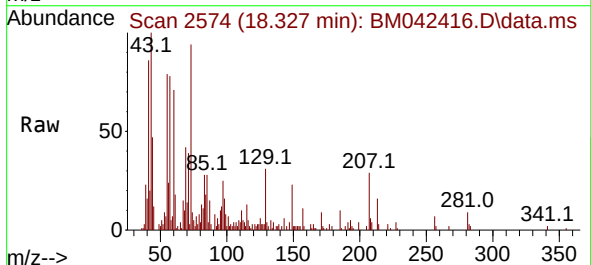
Instrument :
BNA_M
ClientSampleId :
LSS-B3-COMP-101623

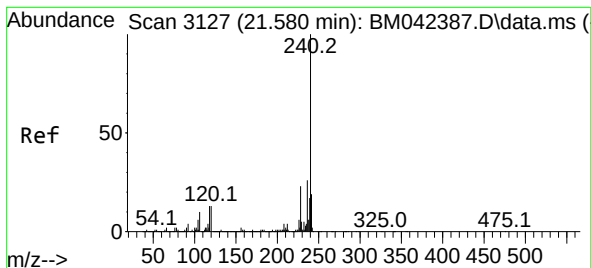
Tgt Ion:188 Resp: 594549
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.0
80 11.4 10.7 16.1



#74
Di-n-butylphthalate
Concen: 2.910 ng
RT: 18.327 min Scan# 2574
Delta R.T. -0.012 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

Tgt Ion:149 Resp: 3725
Ion Ratio Lower Upper
149 100
150 10.2 7.4 11.0
104 10.2 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: BM042416.D

Acq: 24 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

LSS-B3-COMP-101623

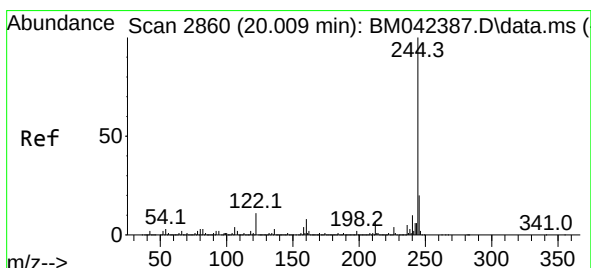
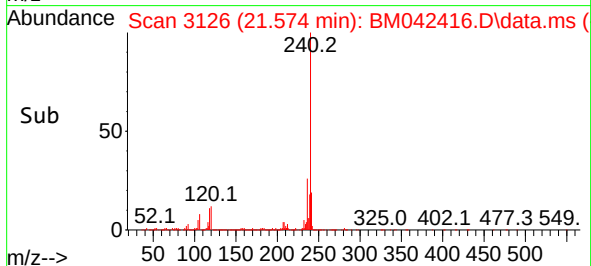
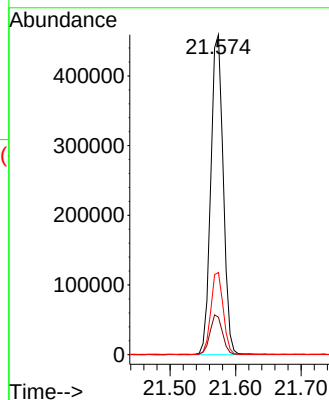
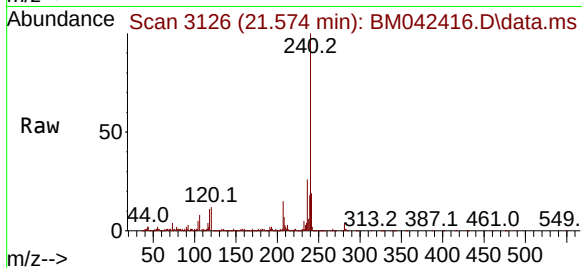
Tgt Ion:240 Resp: 606357

Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

236 25.7 20.7 31.1



#79

Terphenyl-d14

Concen: 47.805 ng

RT: 20.003 min Scan# 2859

Delta R.T. -0.006 min

Lab File: BM042416.D

Acq: 24 Oct 2023 13:01

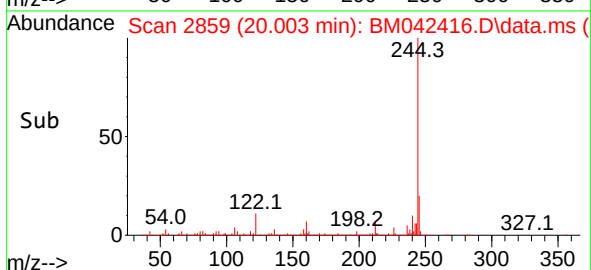
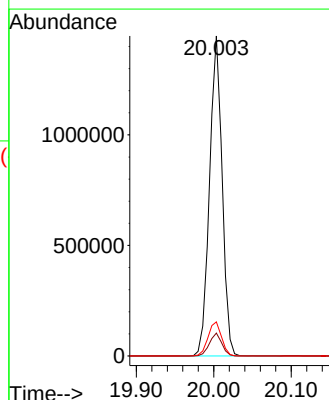
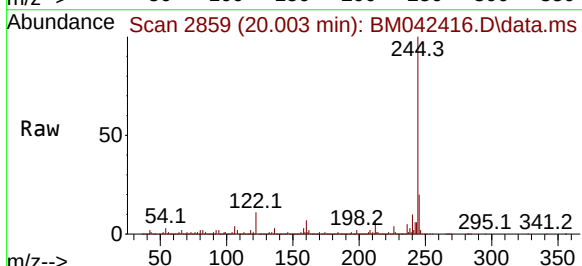
Tgt Ion:244 Resp: 1634460

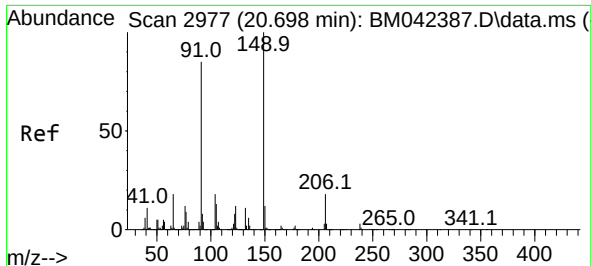
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.7 8.8 13.2

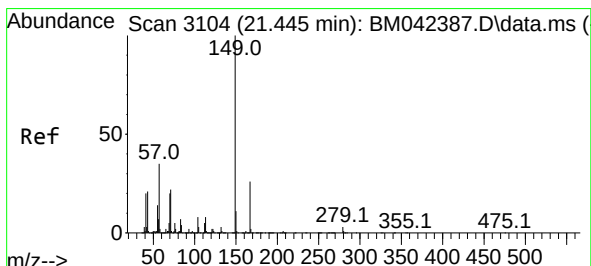
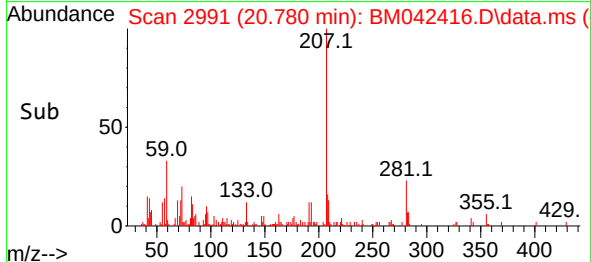
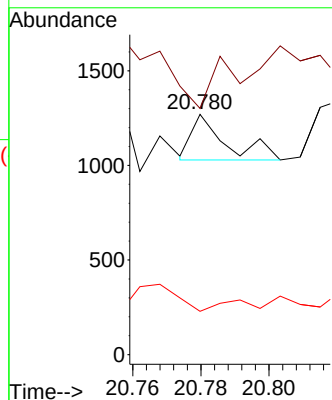
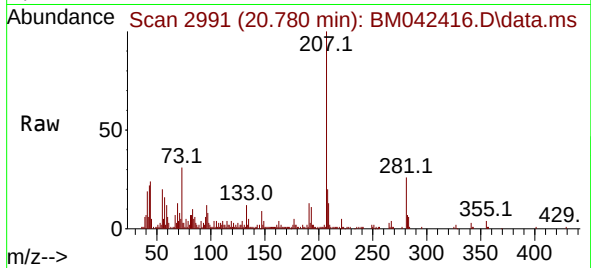




#80
Butylbenzylphthalate
Concen: 3.267 ng
RT: 20.780 min Scan# 2977
Delta R.T. 0.082 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

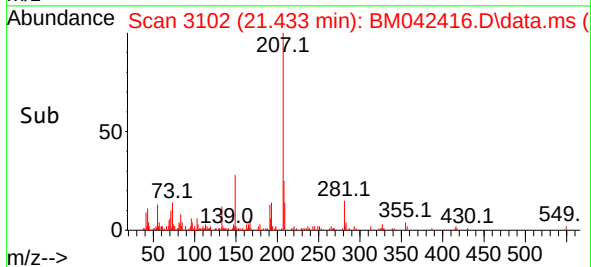
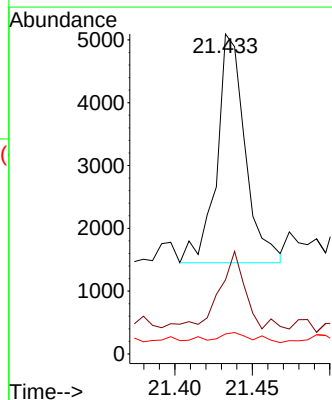
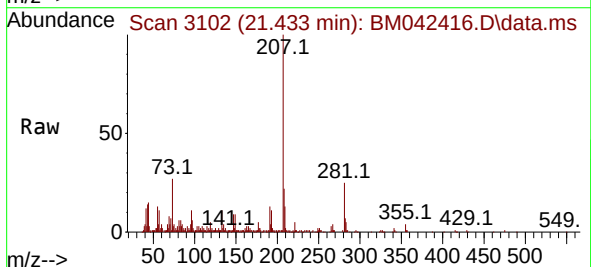
Instrument :
BNA_M
ClientSampleId :
LSS-B3-COMP-101623

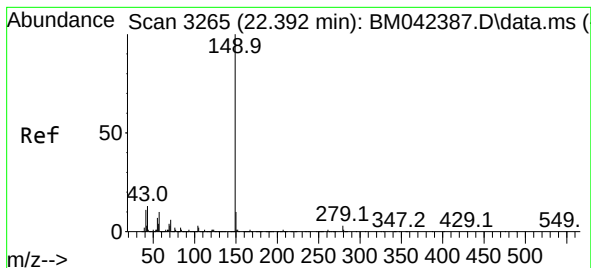
Tgt Ion:149 Resp: 168
Ion Ratio Lower Upper
149 100
91 102.4 68.3 102.5
206 18.0 14.6 22.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.526 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM042416.D
Acq: 24 Oct 2023 13:01

Tgt Ion:149 Resp: 4634
Ion Ratio Lower Upper
149 100
167 23.2 20.9 31.3
279 6.2 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 4.253 ng

RT: 22.427 min Scan# 31

Delta R.T. 0.035 min

Lab File: BM042416.D

Acq: 24 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

LSS-B3-COMP-101623

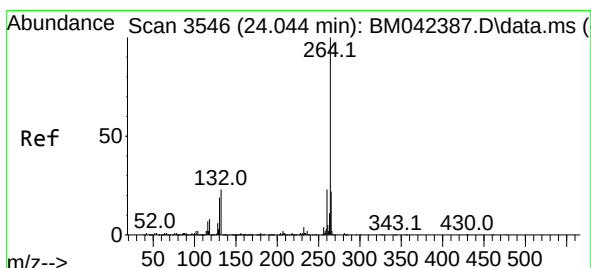
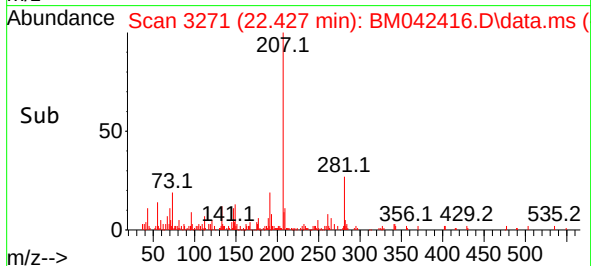
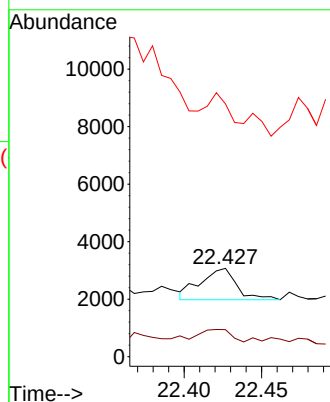
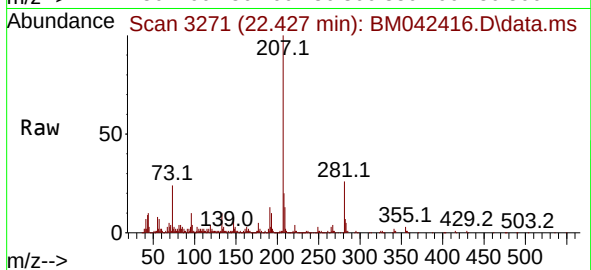
Tgt Ion:149 Resp: 1765

Ion Ratio Lower Upper

149 100

167 39.4 1.2 1.8#

43 47.8 11.0 16.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.038 min Scan# 3545

Delta R.T. -0.006 min

Lab File: BM042416.D

Acq: 24 Oct 2023 13:01

Tgt Ion:264 Resp: 681554

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.1 17.8 26.8

