

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042400.D
 Acq On : 23 Oct 2023 13:54
 Operator : MA/JU
 Sample : 04844-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 14:25:41 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)

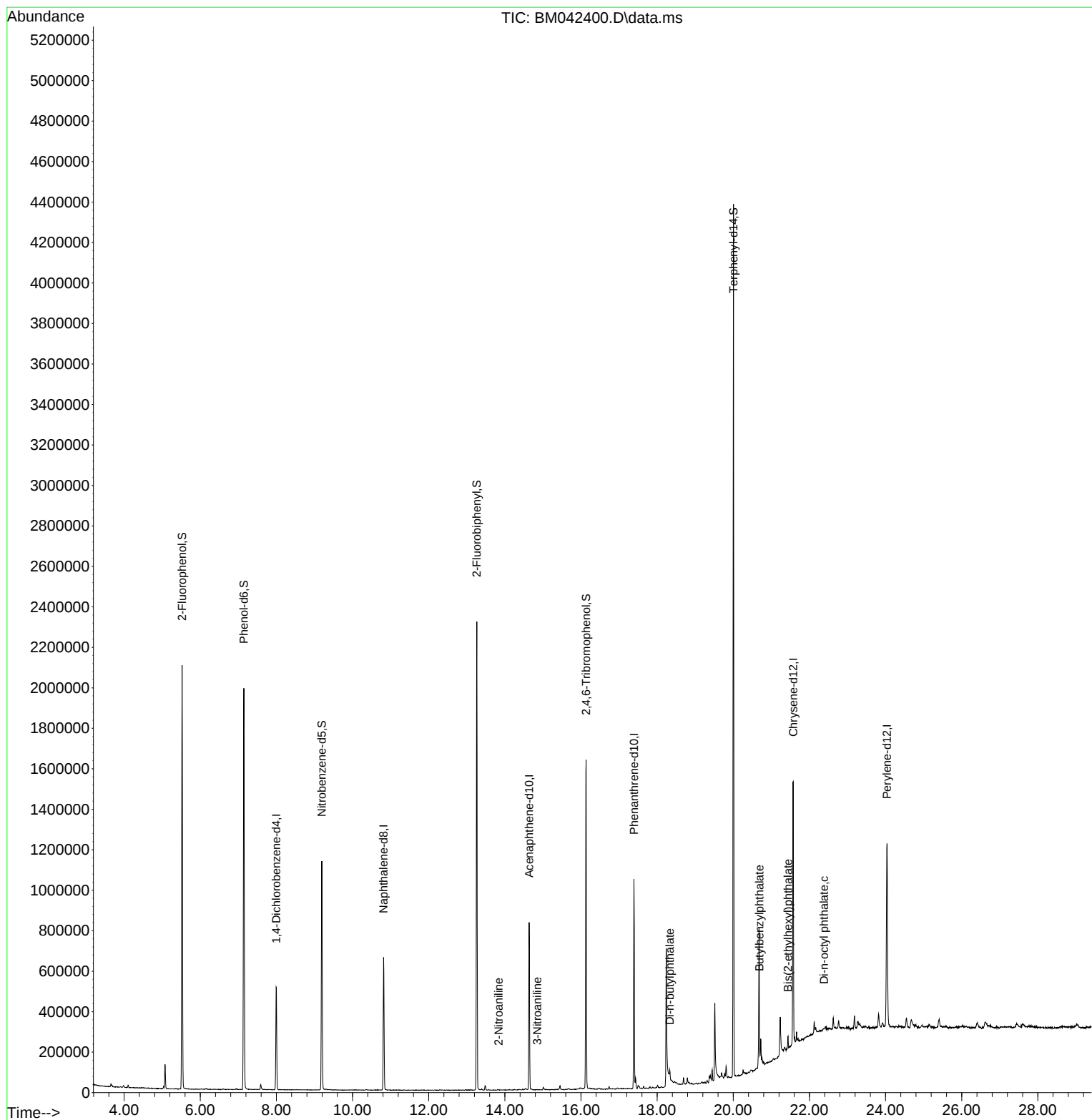
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	125013	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	480665	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	248701	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	519219	20.000	ng	0.00
76) Chrysene-d12	21.574	240	555164	20.000	ng	0.00
86) Perylene-d12	24.038	264	622325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	784034	88.638	ng	0.00
7) Phenol-d6	7.145	99	1021209	86.150	ng	0.00
23) Nitrobenzene-d5	9.192	82	617974	56.852	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	224061	85.021	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1062079	57.507	ng	0.00
79) Terphenyl-d14	20.003	244	1738199	55.527	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.839	65	112	3.656	ng	# 13
53) 3-Nitroaniline	14.851	138	56	3.276	ng	# 1
74) Di-n-butylphthalate	18.333	149	36613	3.854	ng	99
80) Butylbenzylphthalate	20.686	149	1371	3.331	ng	# 60
84) Bis(2-ethylhexyl)phtha...	21.439	149	21220	4.158	ng	97
85) Di-n-octyl phthalate	22.380	149	3586	4.295	ng	# 77

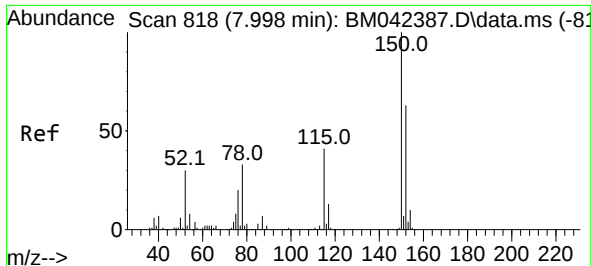
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

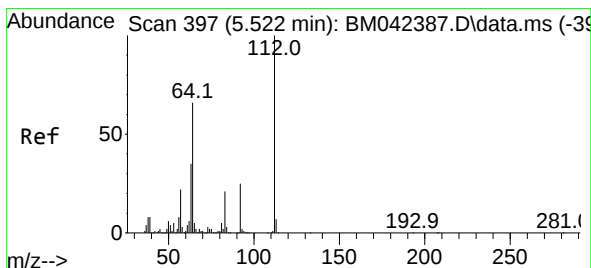
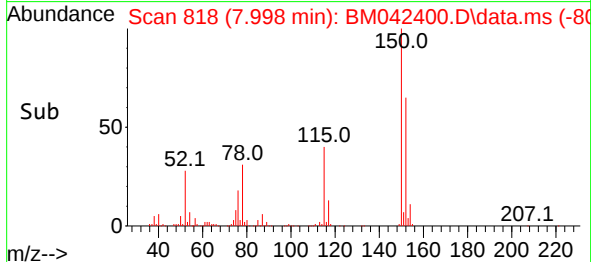
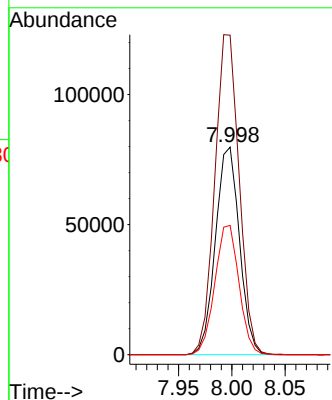
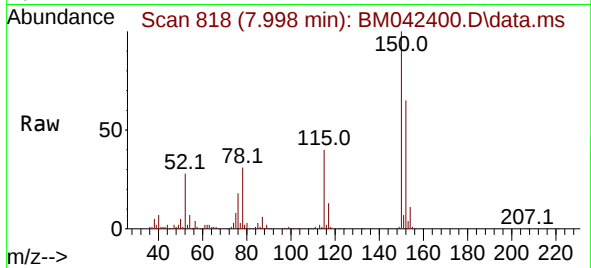




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042400.D
Acq: 23 Oct 2023 13:54

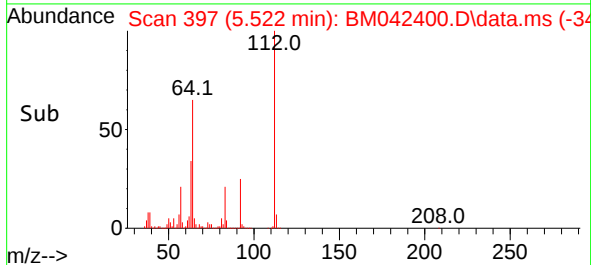
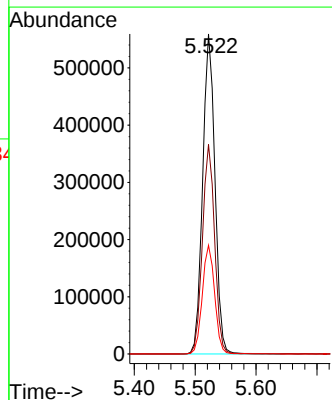
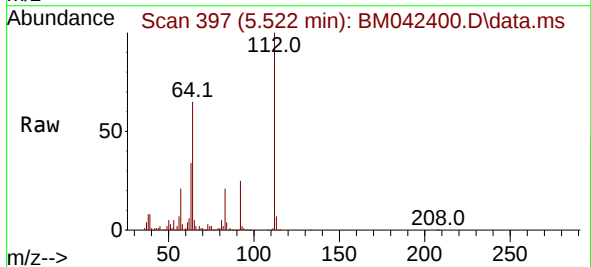
Instrument :
BNA_M
ClientSampleId :

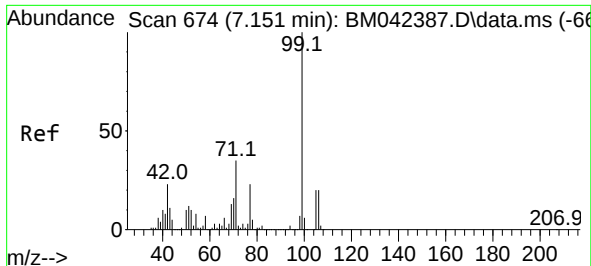
Tgt Ion:152 Resp: 125013
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.4
115 62.3 51.9 77.9



#5
2-Fluorophenol
Concen: 88.638 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042400.D
Acq: 23 Oct 2023 13:54

Tgt Ion:112 Resp: 784034
Ion Ratio Lower Upper
112 100
64 65.4 52.7 79.1
63 33.9 28.3 42.5

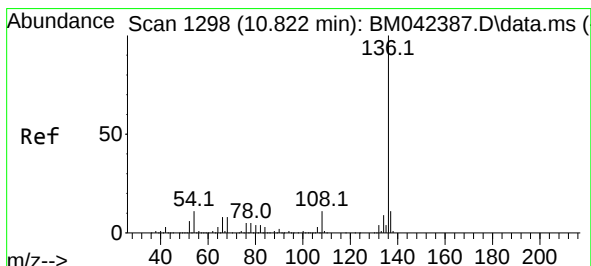
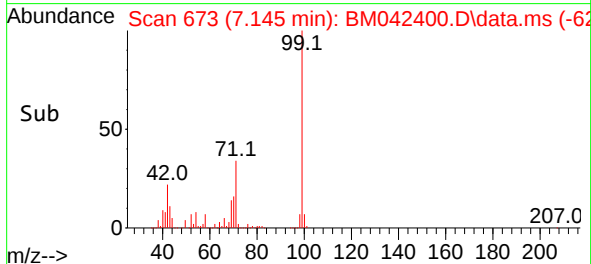
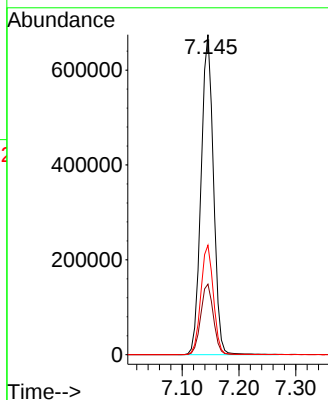
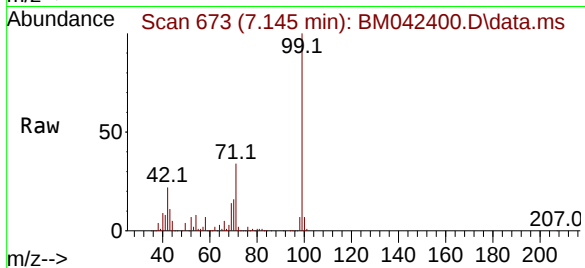




#7
Phenol-d6
Concen: 86.150 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042400.D
Acq: 23 Oct 2023 13:54

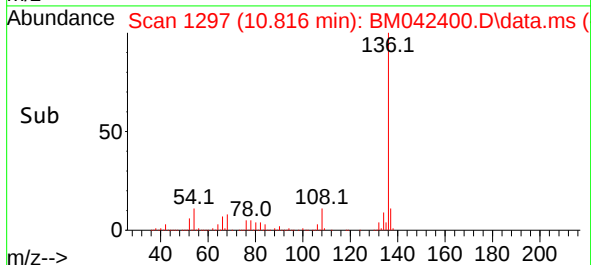
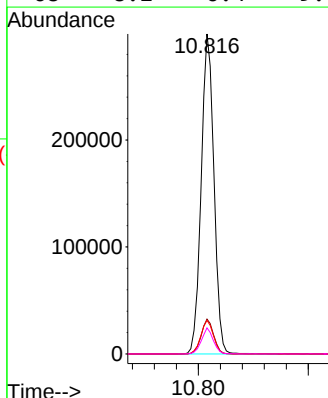
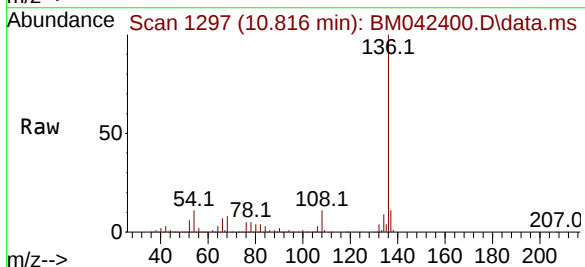
Instrument :
BNA_M
ClientSampleId :

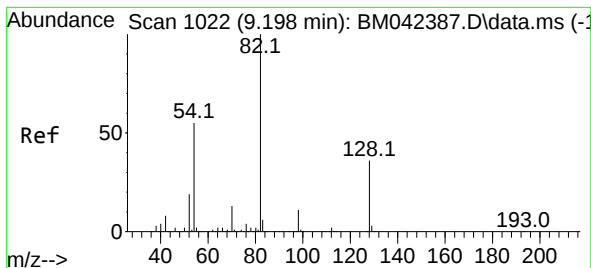
Tgt Ion: 99 Resp: 1021209
Ion Ratio Lower Upper
99 100
42 22.0 18.5 27.7
71 34.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042400.D
Acq: 23 Oct 2023 13:54

Tgt Ion: 136 Resp: 480665
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.5 8.6 12.8
68 8.2 6.4 9.6





#23

Nitrobenzene-d5

Concen: 56.852 ng

RT: 9.192 min Scan# 1021

Delta R.T. -0.006 min

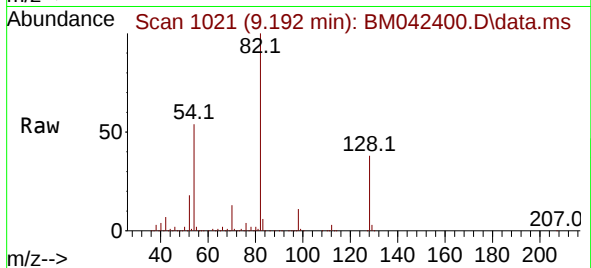
Lab File: BM042400.D

Acq: 23 Oct 2023 13:54

Instrument :

BNA_M

ClientSampleId :



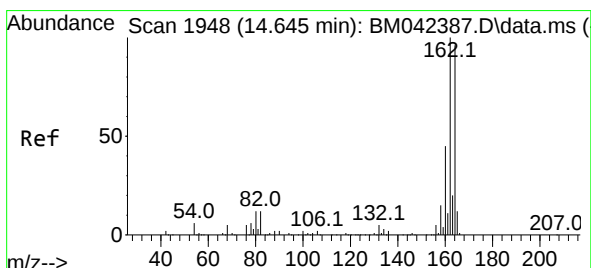
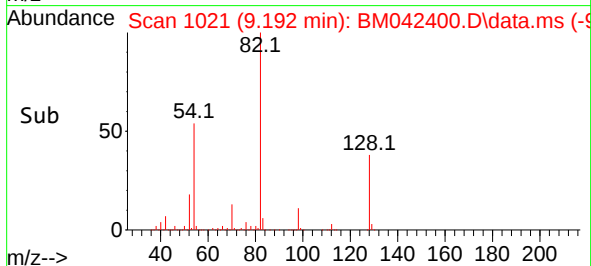
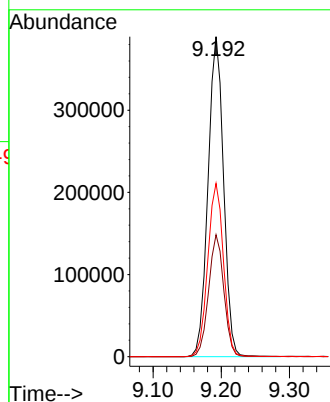
Tgt Ion: 82 Resp: 617974

Ion Ratio Lower Upper

82 100

128 38.1 29.0 43.6

54 54.2 43.7 65.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.639 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM042400.D

Acq: 23 Oct 2023 13:54

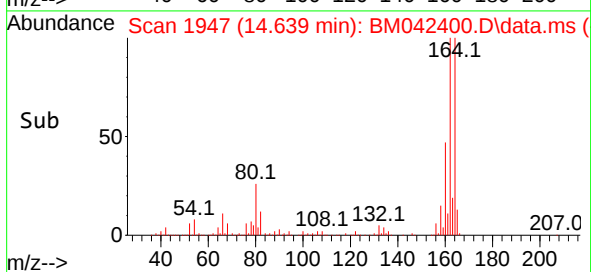
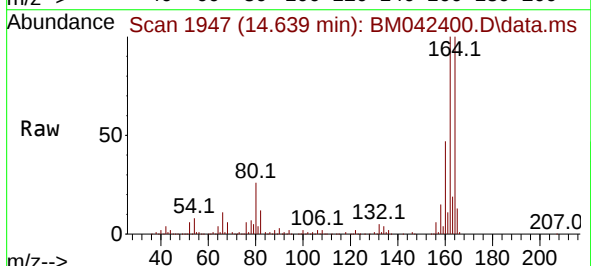
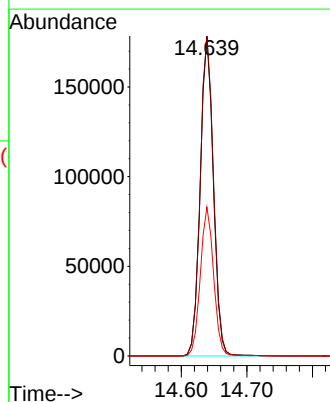
Tgt Ion: 164 Resp: 248701

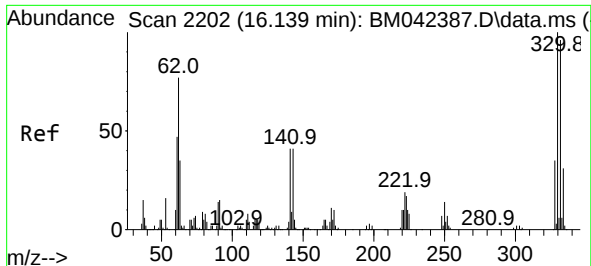
Ion Ratio Lower Upper

164 100

162 100.3 83.0 124.4

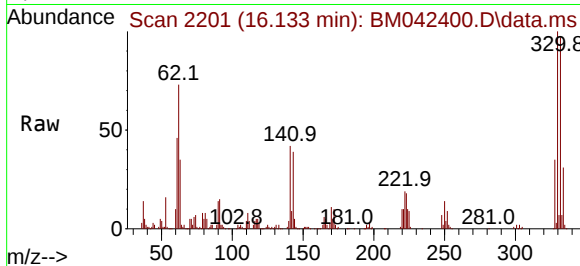
160 46.6 37.0 55.4



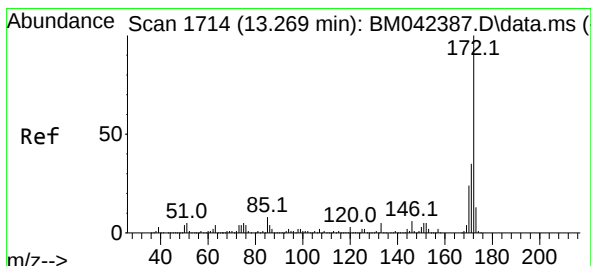
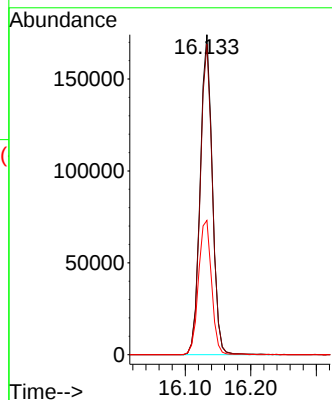
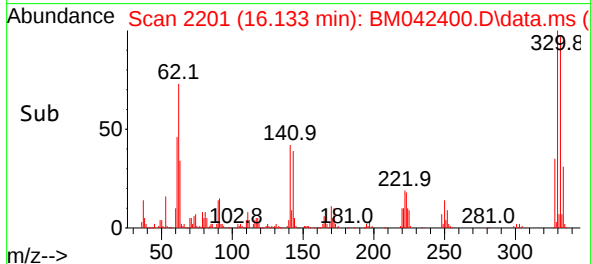


#42
2,4,6-Tribromophenol
Concen: 85.021 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042400.D
Acq: 23 Oct 2023 13:54

Instrument :
BNA_M
ClientSampleId :

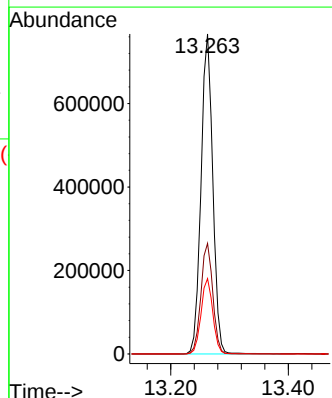
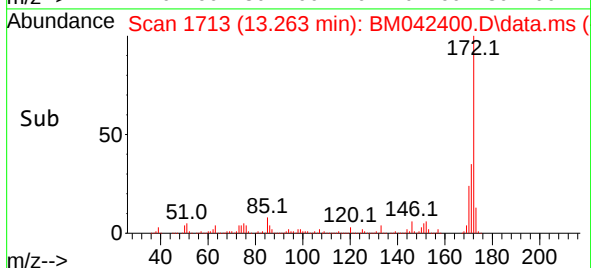
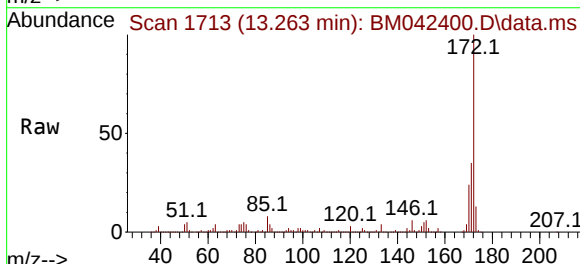


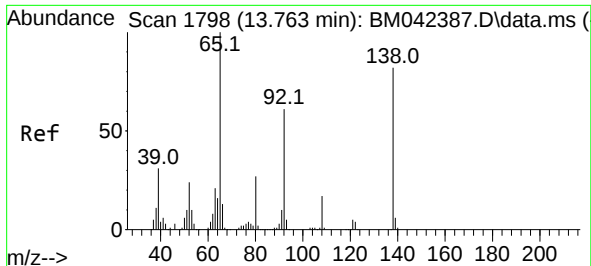
Tgt Ion:330 Resp: 224061
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 45.1 38.0 57.0



#45
2-Fluorobiphenyl
Concen: 57.507 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042400.D
Acq: 23 Oct 2023 13:54

Tgt Ion:172 Resp: 1062079
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.5 18.9 28.3

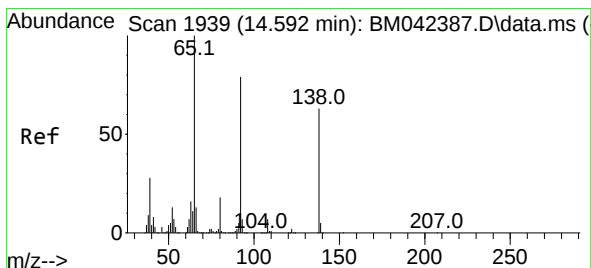
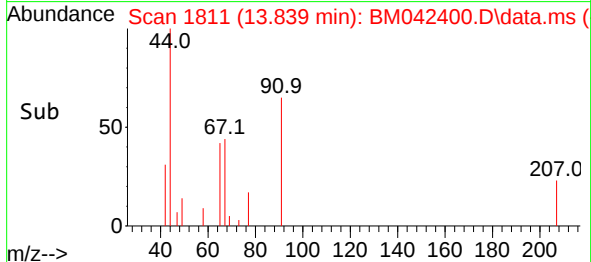
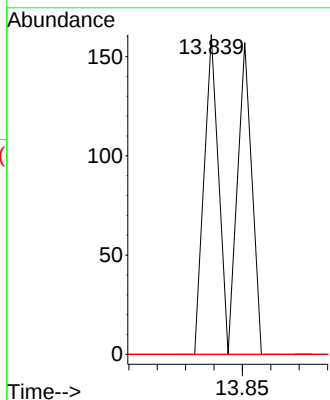
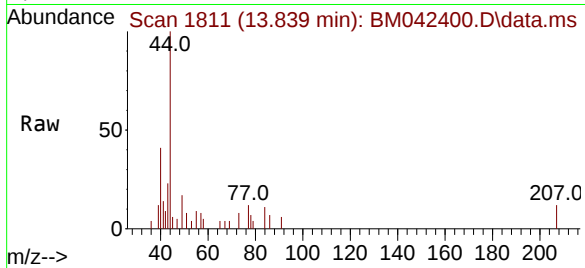




#48
2-Nitroaniline
Concen: 3.656 ng
RT: 13.839 min Scan# 112
Delta R.T. 0.076 min
Lab File: BM042400.D
Acq: 23 Oct 2023 13:54

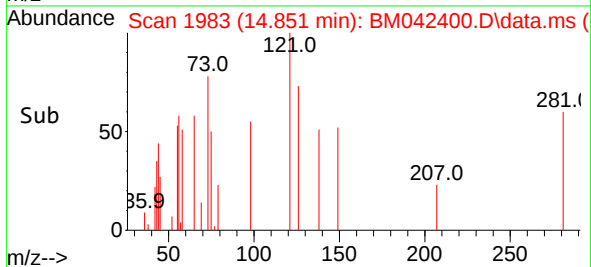
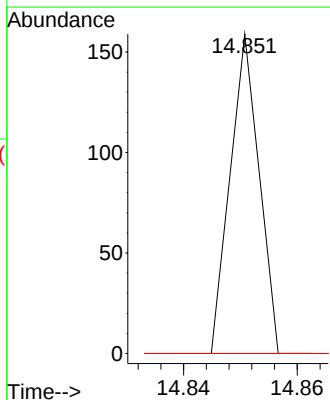
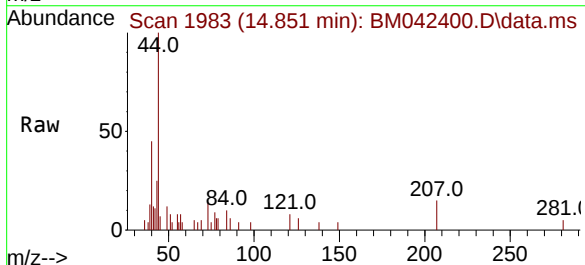
Instrument :
BNA_M
ClientSampleId :

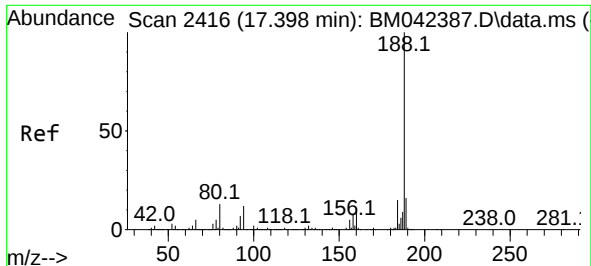
Tgt Ion: 65 Resp: 112
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 0.0 65.5 98.3#



#53
3-Nitroaniline
Concen: 3.276 ng
RT: 14.851 min Scan# 1983
Delta R.T. 0.259 min
Lab File: BM042400.D
Acq: 23 Oct 2023 13:54

Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
108 0.0 8.3 12.5#
92 0.0 100.6 151.0#

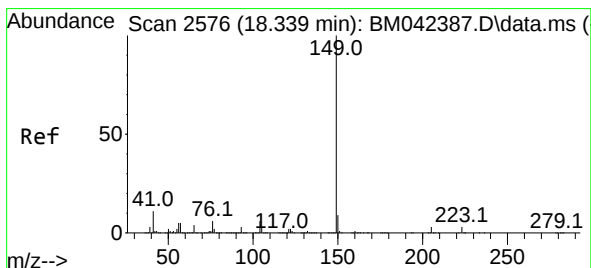
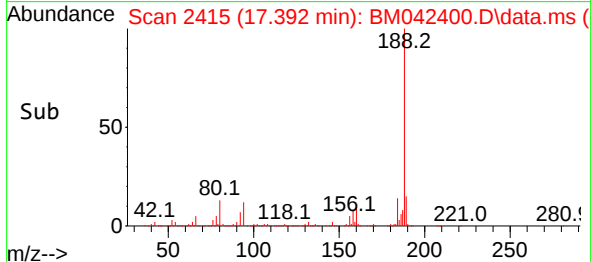
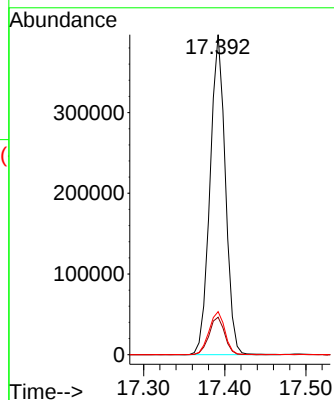
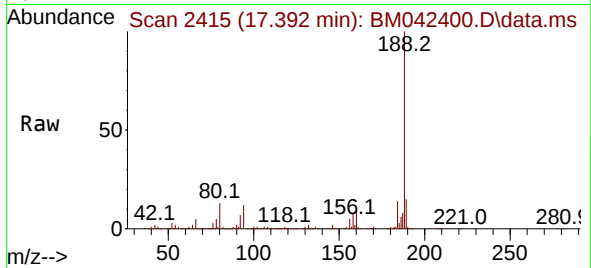




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM042400.D
Acq: 23 Oct 2023 13:54

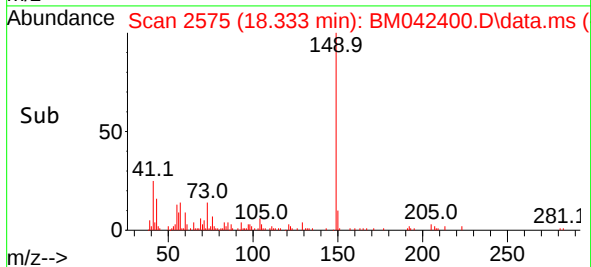
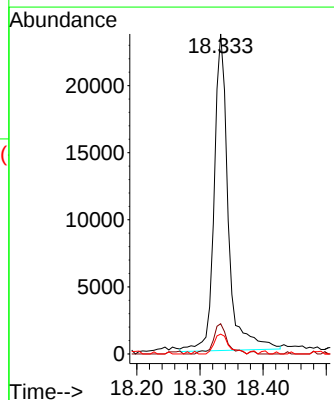
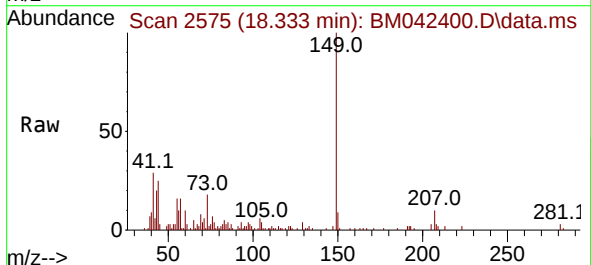
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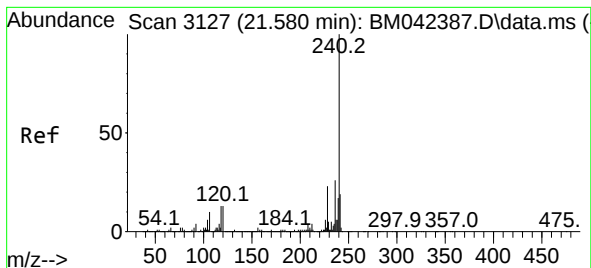
Tgt Ion:188 Resp: 519219
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.0
80 13.5 10.7 16.1



#74
Di-n-butylphthalate
Concen: 3.854 ng
RT: 18.333 min Scan# 2575
Delta R.T. -0.006 min
Lab File: BM042400.D
Acq: 23 Oct 2023 13:54

Tgt Ion:149 Resp: 36613
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 6.2 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: BM042400.D

Acq: 23 Oct 2023 13:54

Instrument :

BNA_M

ClientSampleId :

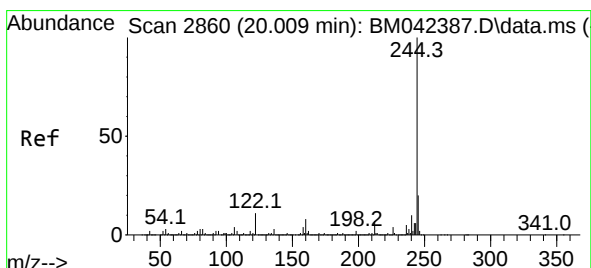
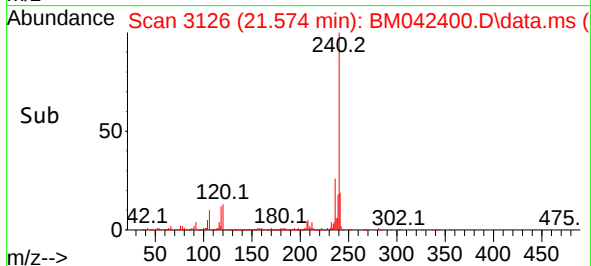
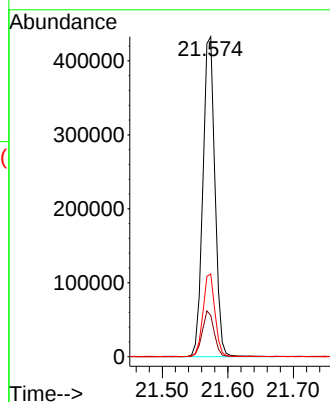
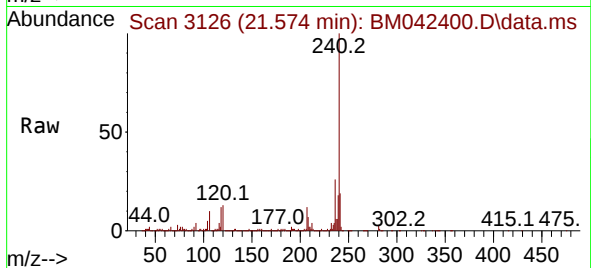
Tgt Ion:240 Resp: 555164

Ion Ratio Lower Upper

240 100

120 12.9 10.7 16.1

236 25.8 20.7 31.1



#79

Terphenyl-d14

Concen: 55.527 ng

RT: 20.003 min Scan# 2859

Delta R.T. -0.006 min

Lab File: BM042400.D

Acq: 23 Oct 2023 13:54

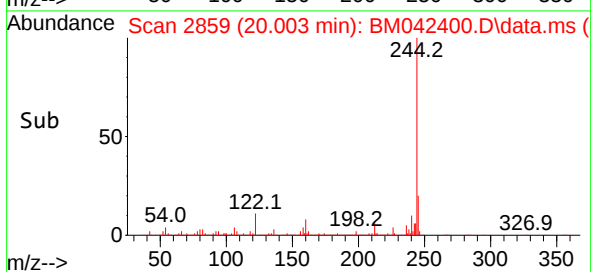
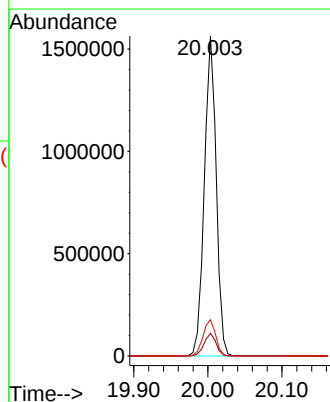
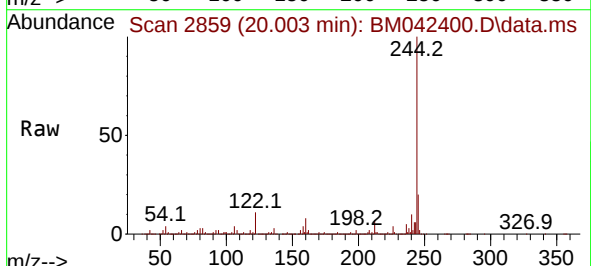
Tgt Ion:244 Resp: 1738199

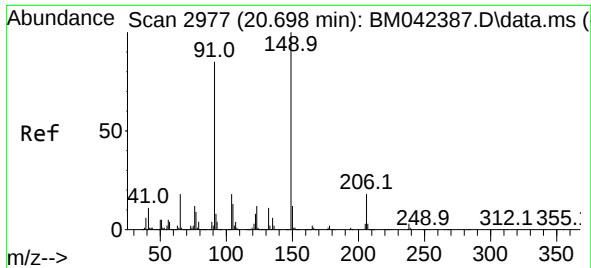
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.3 8.8 13.2

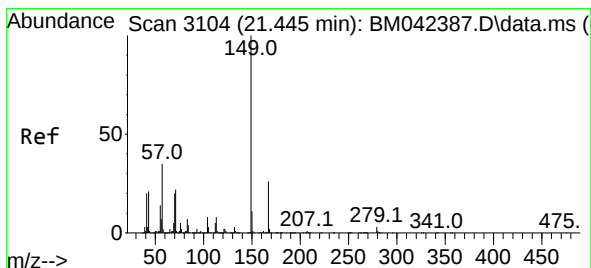
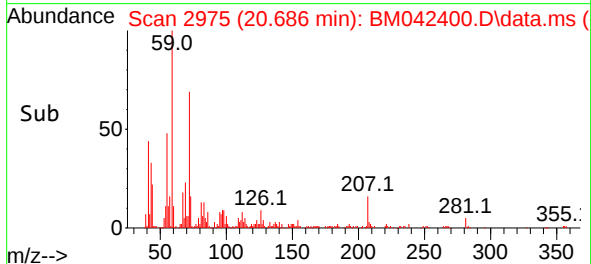
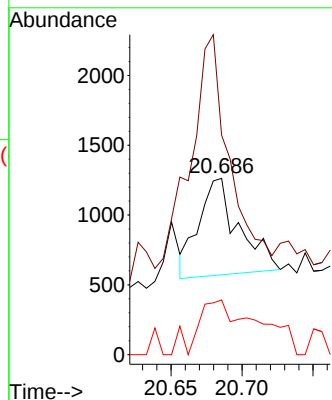
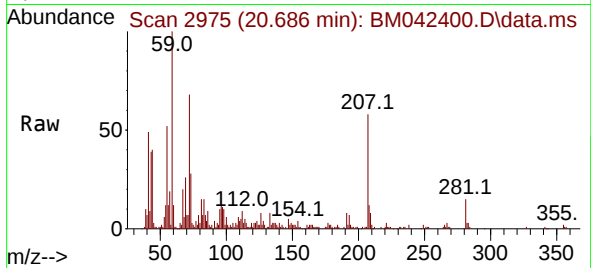




#80
 Butylbenzylphthalate
 Concen: 3.331 ng
 RT: 20.686 min Scan# 2975
 Delta R.T. -0.012 min
 Lab File: BM042400.D
 Acq: 23 Oct 2023 13:54

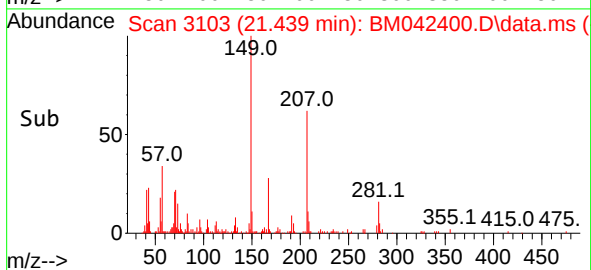
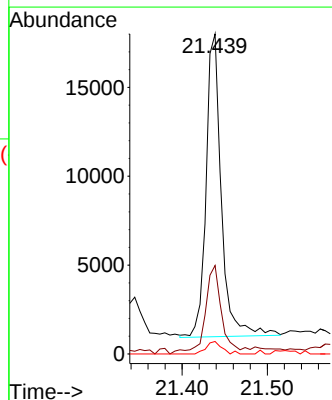
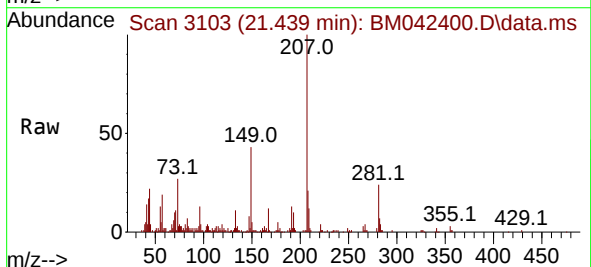
Instrument :
 BNA_M
 ClientSampleId :

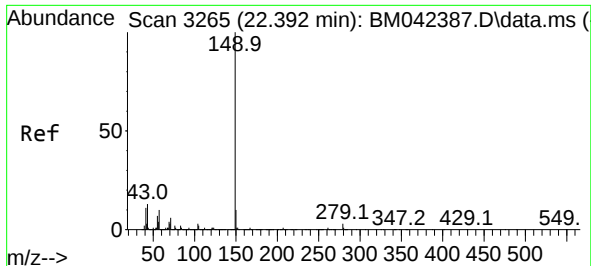
Tgt Ion:149 Resp: 1371
 Ion Ratio Lower Upper
 149 100
 91 124.4 68.3 102.5#
 206 31.0 14.6 22.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.158 ng
 RT: 21.439 min Scan# 3103
 Delta R.T. -0.006 min
 Lab File: BM042400.D
 Acq: 23 Oct 2023 13:54

Tgt Ion:149 Resp: 21220
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.9 31.3
 279 3.9 2.7 4.1

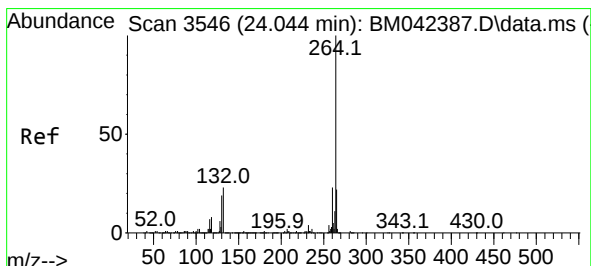
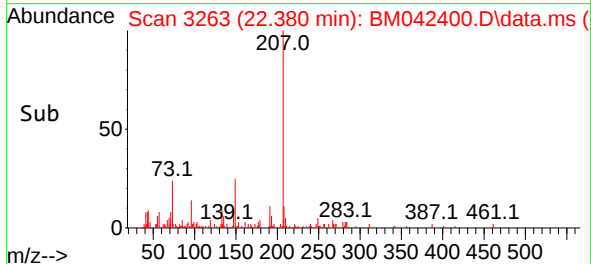
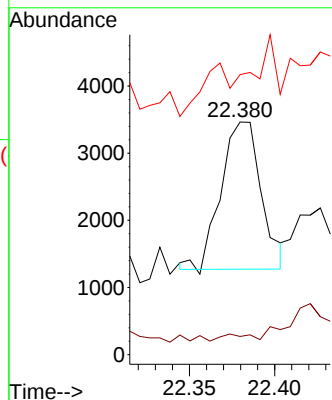
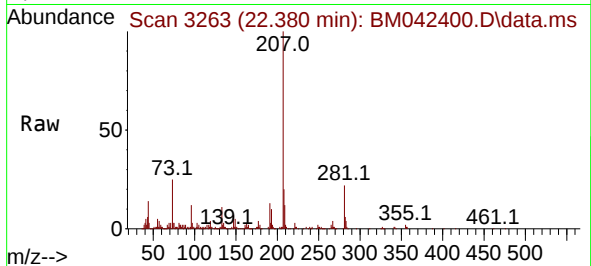




#85
Di-n-octyl phthalate
Concen: 4.295 ng
RT: 22.380 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042400.D
Acq: 23 Oct 2023 13:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 3586
Ion Ratio Lower Upper
149 100
167 2.3 1.2 1.8#
43 24.0 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: BM042400.D
Acq: 23 Oct 2023 13:54

Tgt Ion:264 Resp: 622325
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 22.2 17.8 26.8

