

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042418.D
 Acq On : 24 Oct 2023 14:14
 Operator : MA/JU
 Sample : 04976-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 16:11:05 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)

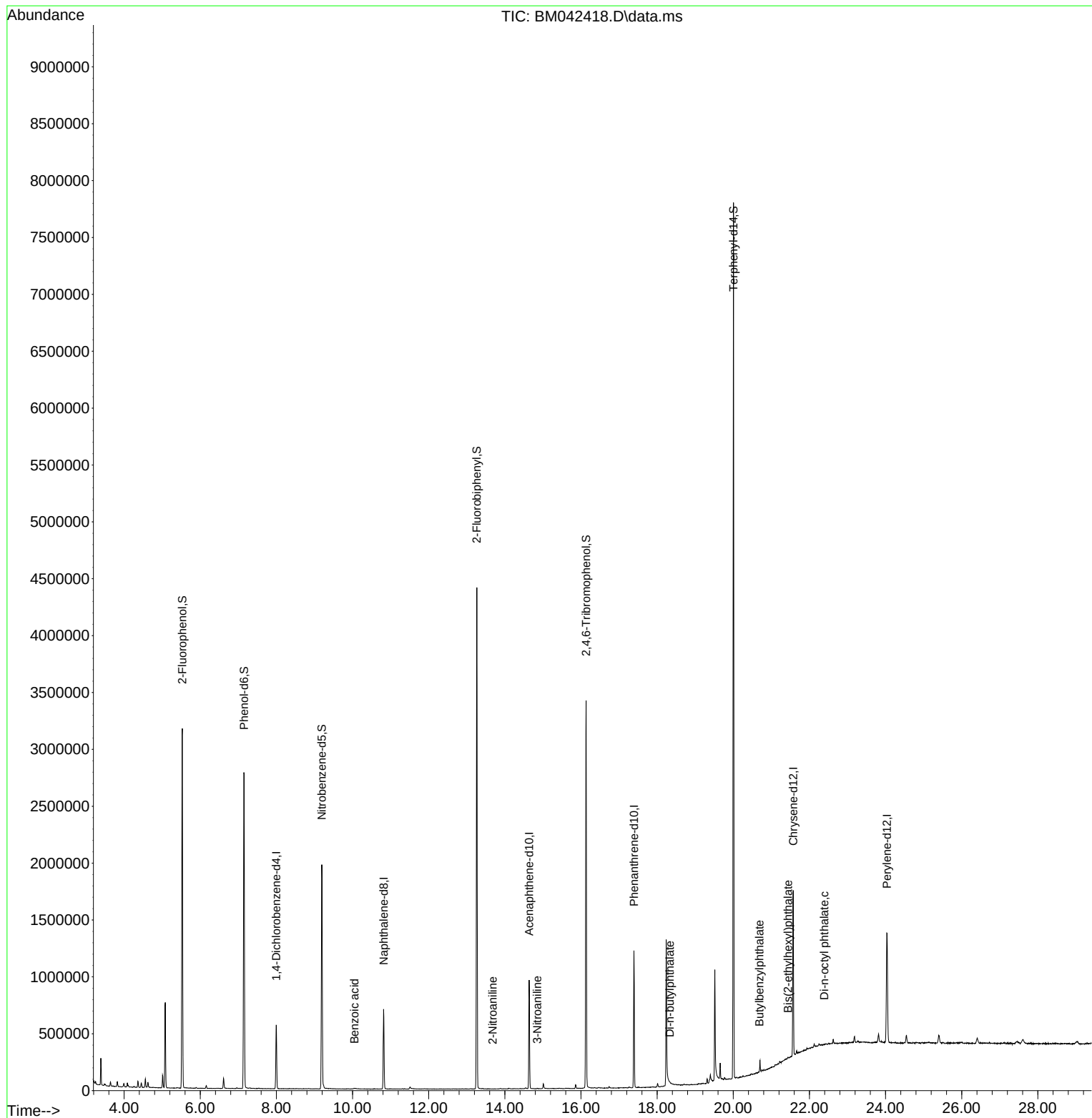
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	142936	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	539676	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	304070	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	667586	20.000	ng	0.00
76) Chrysene-d12	21.574	240	673022	20.000	ng	0.00
86) Perylene-d12	24.038	264	752156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1256523	124.242	ng	0.00
7) Phenol-d6	7.151	99	1529560	112.855	ng	0.00
23) Nitrobenzene-d5	9.192	82	1097731	89.945	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	563820	165.206	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	2108813	93.391	ng	0.00
79) Terphenyl-d14	20.003	244	3500994	92.255	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.045	122	2942	5.749	ng	93
48) 2-Nitroaniline	13.680	65	53	3.646	ng	# 13
53) 3-Nitroaniline	14.851	138	359	3.321	ng	# 1
74) Di-n-butylphthalate	18.333	149	3978	2.905	ng	# 97
80) Butylbenzylphthalate	20.686	149	371	3.275	ng	# 80
84) Bis(2-ethylhexyl)phtha...	21.439	149	4411	3.504	ng	# 91
85) Di-n-octyl phthalate	22.386	149	440	4.226	ng	# 1

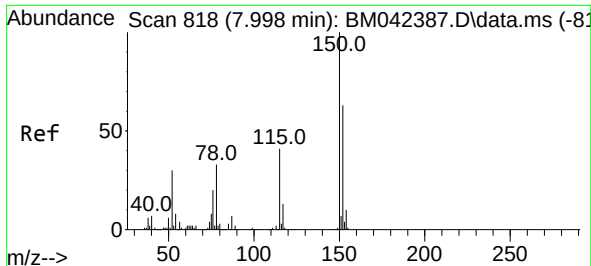
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

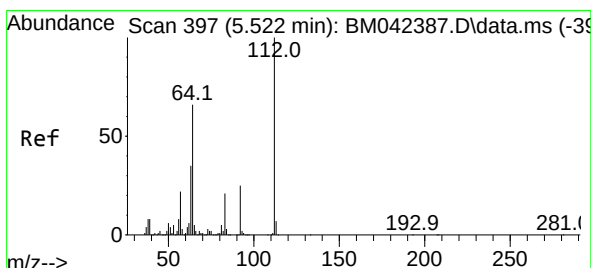
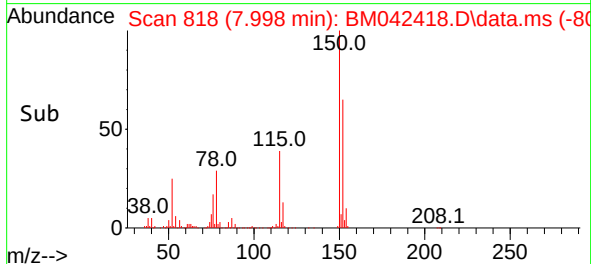
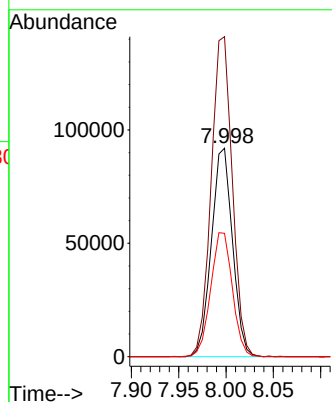
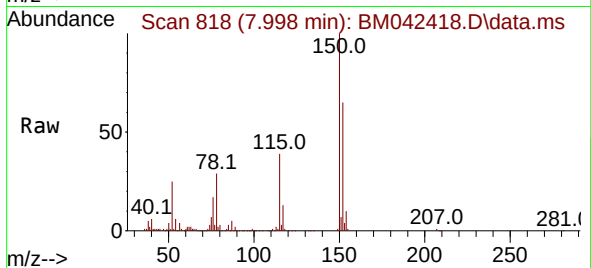




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042418.D
Acq: 24 Oct 2023 14:14

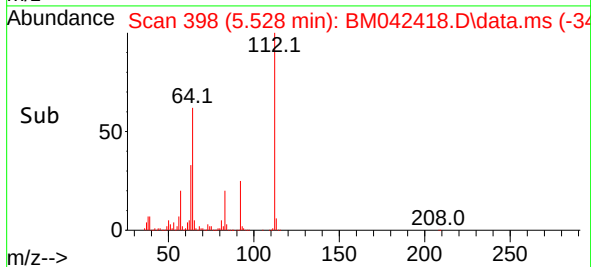
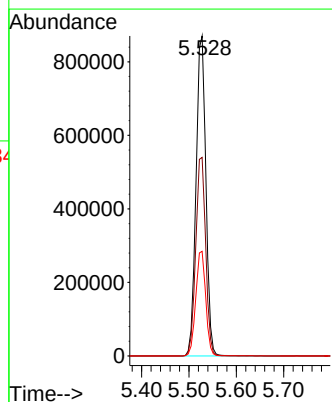
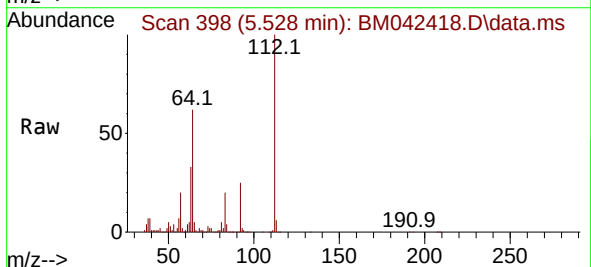
Instrument :
BNA_M
ClientSampleId :

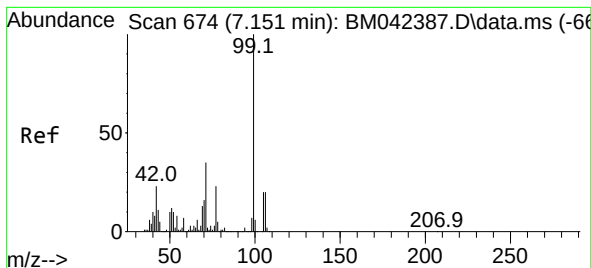
Tgt Ion:152 Resp: 142936
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.4
115 59.1 51.9 77.9



#5
2-Fluorophenol
Concen: 124.242 ng
RT: 5.528 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM042418.D
Acq: 24 Oct 2023 14:14

Tgt Ion:112 Resp: 1256523
Ion Ratio Lower Upper
112 100
64 62.0 52.7 79.1
63 32.7 28.3 42.5





#7

Phenol-d6

Concen: 112.855 ng

RT: 7.151 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM042418.D

Acq: 24 Oct 2023 14:14

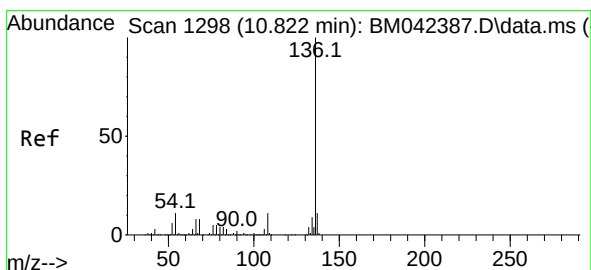
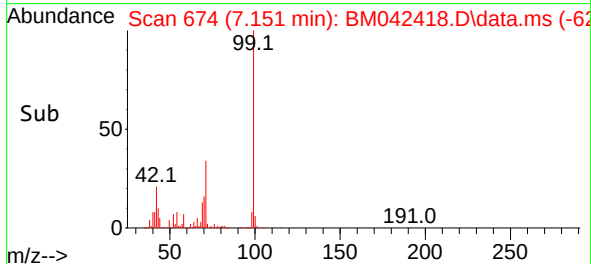
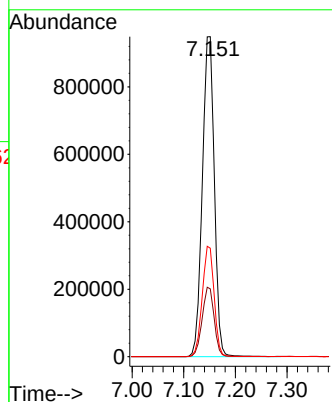
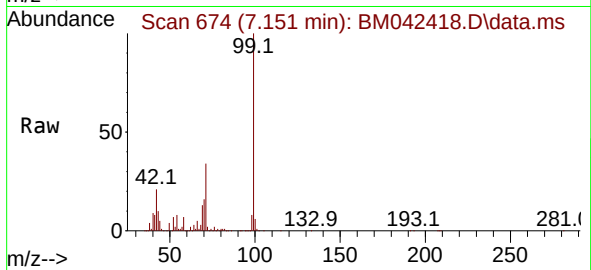
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 99 Resp: 1529560

Ion	Ratio	Lower	Upper
99	100		
42	21.2	18.5	27.7
71	33.9	27.7	41.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.816 min Scan# 1297

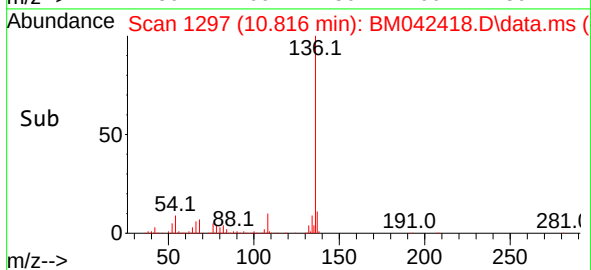
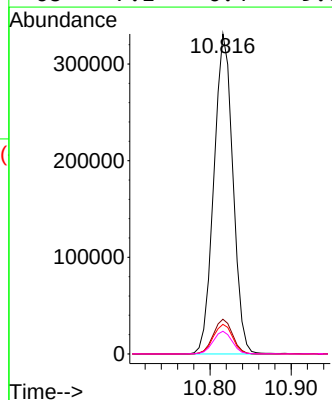
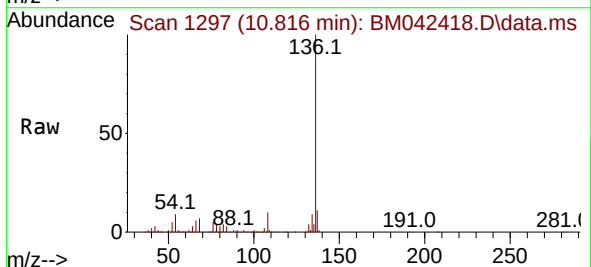
Delta R.T. -0.006 min

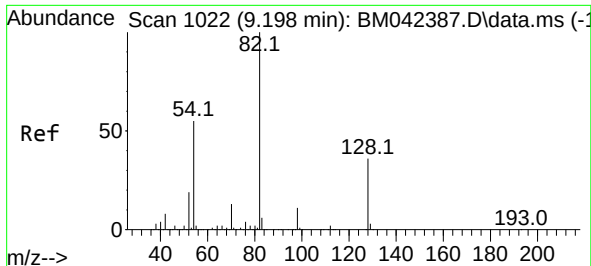
Lab File: BM042418.D

Acq: 24 Oct 2023 14:14

Tgt Ion: 136 Resp: 539676

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.3	8.6	12.8
68	7.1	6.4	9.6

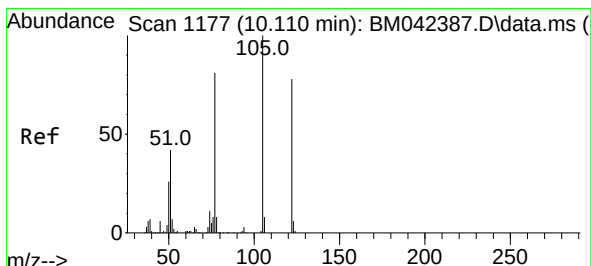
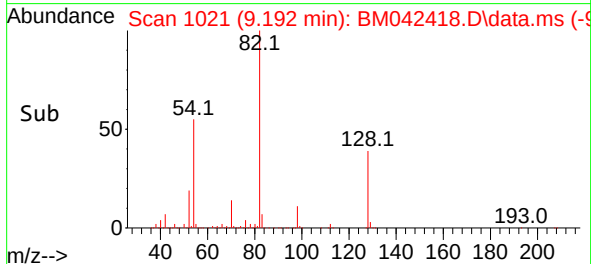
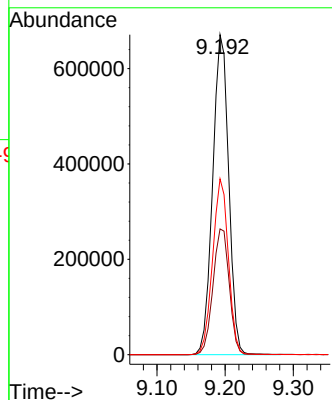
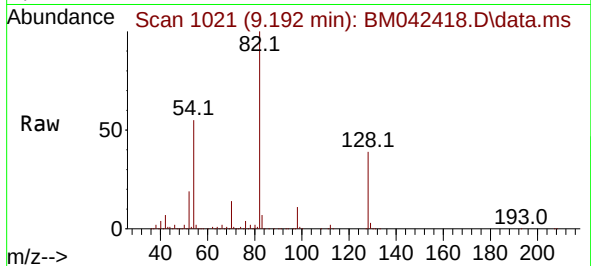




#23
Nitrobenzene-d5
Concen: 89.945 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042418.D
Acq: 24 Oct 2023 14:14

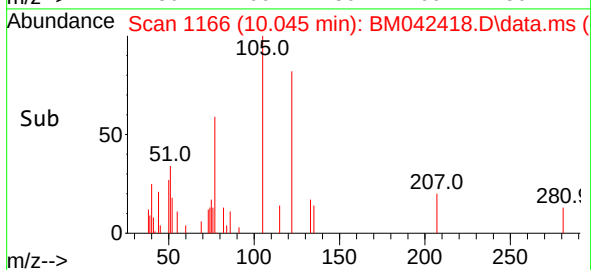
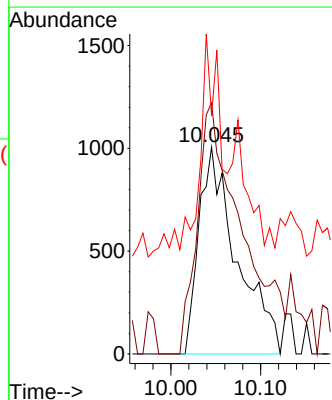
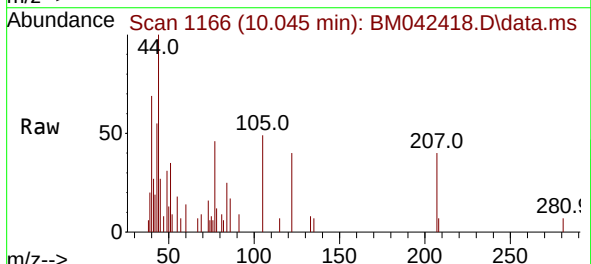
Instrument :
BNA_M
ClientSampleId :

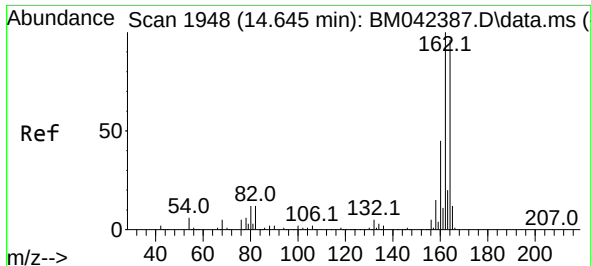
Tgt Ion: 82 Resp: 1097731
Ion Ratio Lower Upper
82 100
128 39.3 29.0 43.6
54 54.9 43.7 65.5



#32
Benzoic acid
Concen: 5.749 ng
RT: 10.045 min Scan# 1166
Delta R.T. -0.065 min
Lab File: BM042418.D
Acq: 24 Oct 2023 14:14

Tgt Ion:122 Resp: 2942
Ion Ratio Lower Upper
122 100
105 121.4 104.9 144.9
77 115.1 83.4 123.4

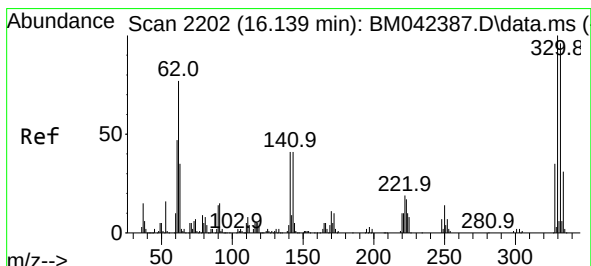
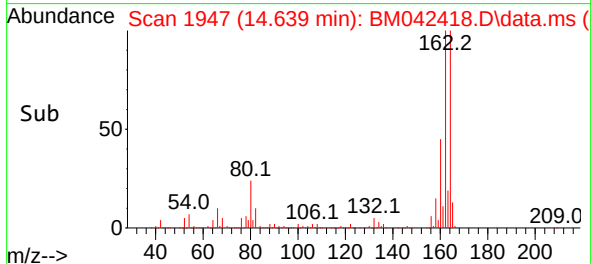
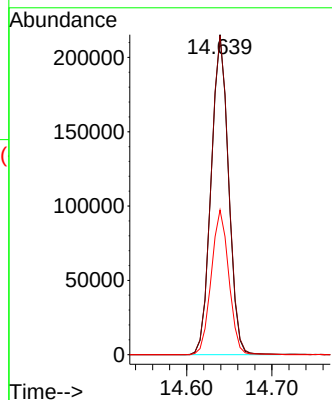
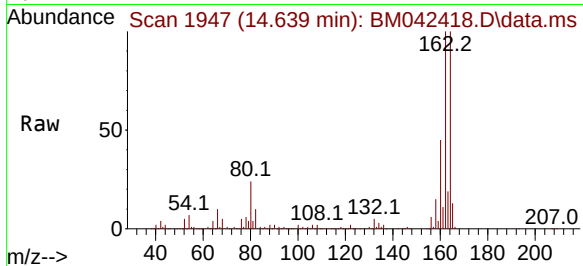




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM042418.D
Acq: 24 Oct 2023 14:14

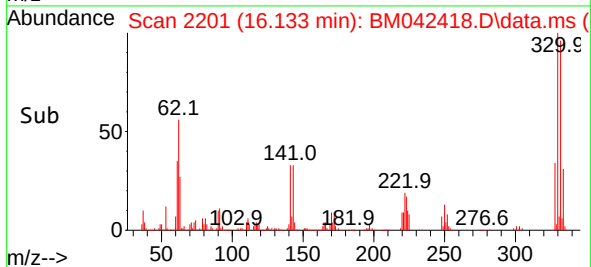
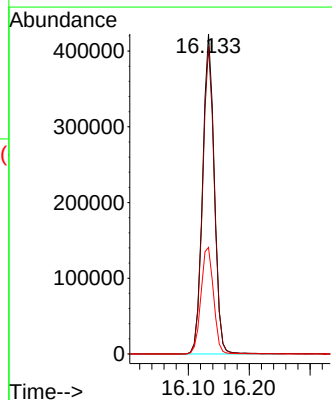
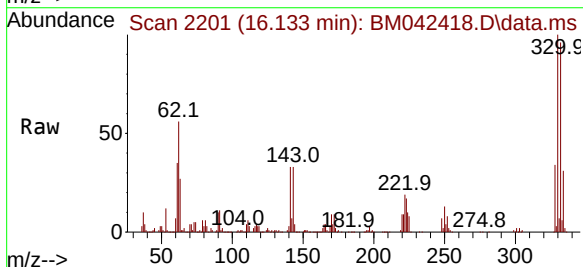
Instrument :
BNA_M
ClientSampleId :

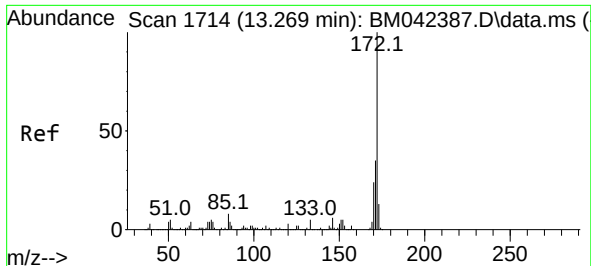
Tgt Ion:164 Resp: 304070
Ion Ratio Lower Upper
164 100
162 99.8 83.0 124.4
160 45.2 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 165.206 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042418.D
Acq: 24 Oct 2023 14:14

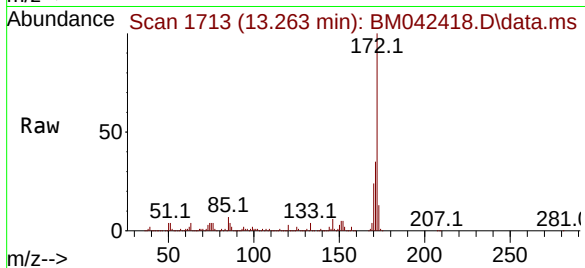
Tgt Ion:330 Resp: 563820
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 35.9 38.0 57.0#



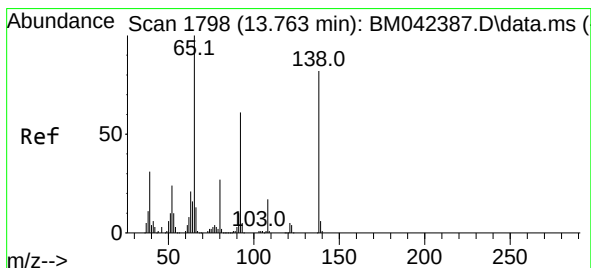
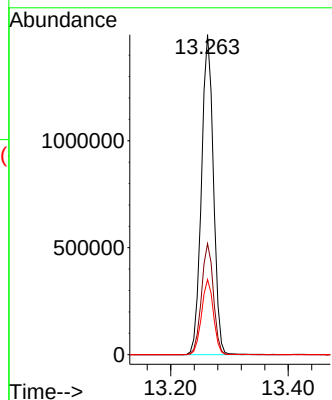
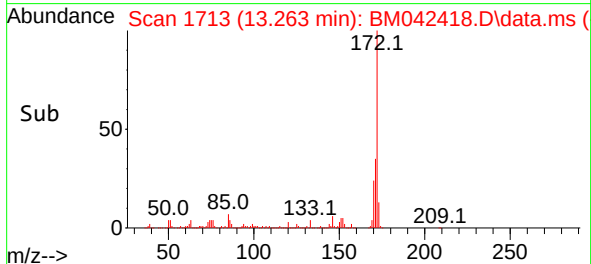


#45
2-Fluorobiphenyl
Concen: 93.391 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042418.D
Acq: 24 Oct 2023 14:14

Instrument :
BNA_M
ClientSampleId :

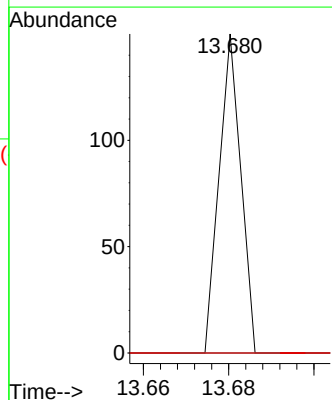
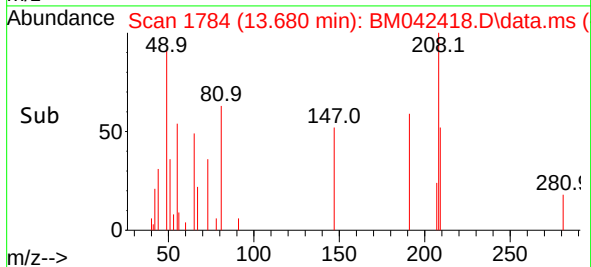
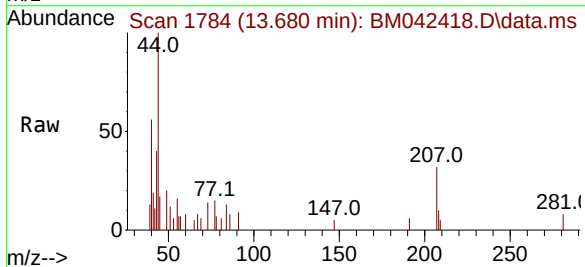


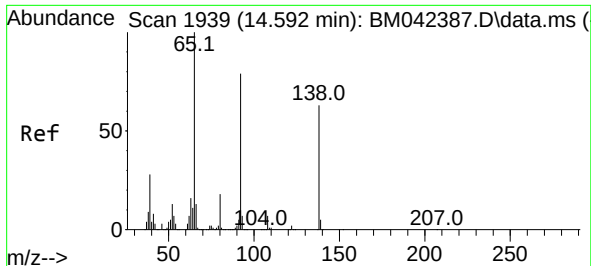
Tgt Ion:172 Resp: 2108813
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.5 18.9 28.3



#48
2-Nitroaniline
Concen: 3.646 ng
RT: 13.680 min Scan# 1784
Delta R.T. -0.083 min
Lab File: BM042418.D
Acq: 24 Oct 2023 14:14

Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 0.0 65.5 98.3#

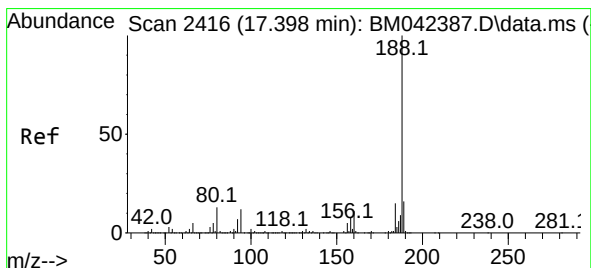
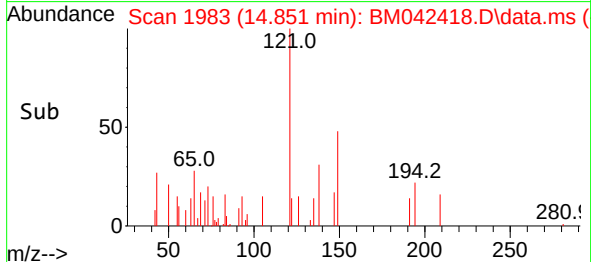
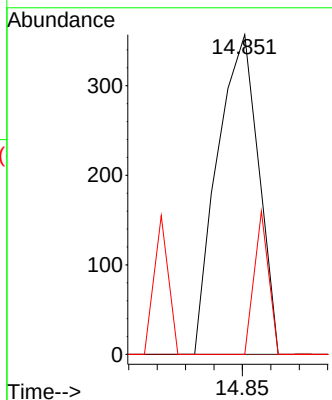
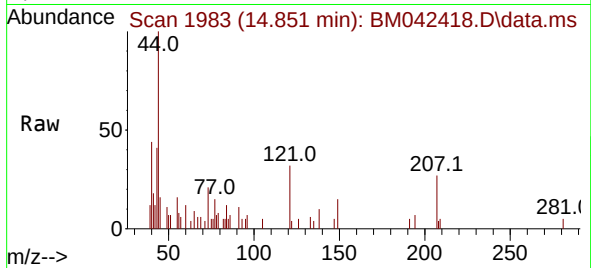




#53
3-Nitroaniline
Concen: 3.321 ng
RT: 14.851 min Scan# 1939
Delta R.T. 0.259 min
Lab File: BM042418.D
Acq: 24 Oct 2023 14:14

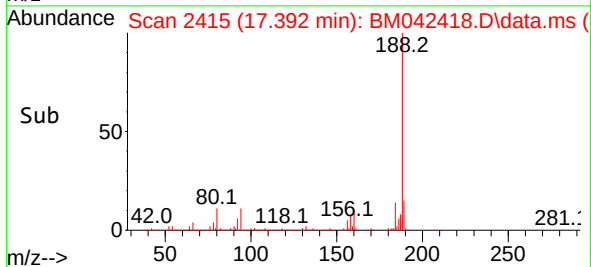
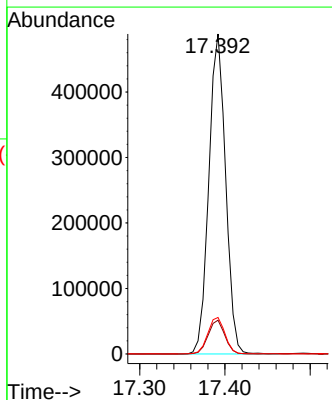
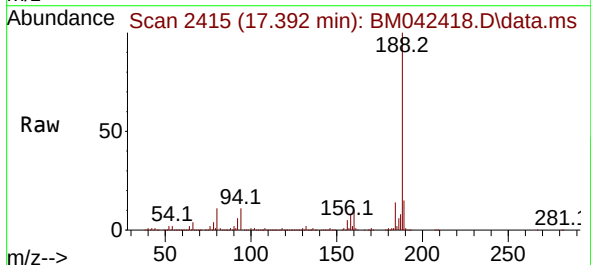
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BNA_M
ClientSampleId :

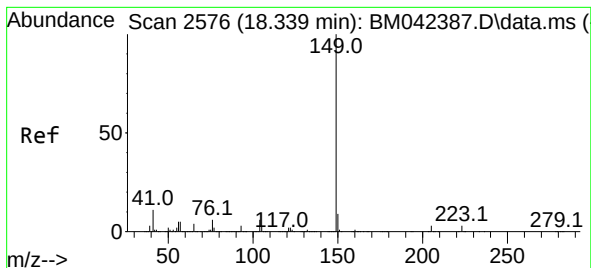
Tgt Ion:138 Resp: 359
Ion Ratio Lower Upper
138 100
108 0.0 8.3 12.5#
92 0.0 100.6 151.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042418.D
Acq: 24 Oct 2023 14:14

Tgt Ion:188 Resp: 667586
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.0
80 11.4 10.7 16.1





#74

Di-n-butylphthalate

Concen: 2.905 ng

RT: 18.333 min Scan# 21

Delta R.T. -0.006 min

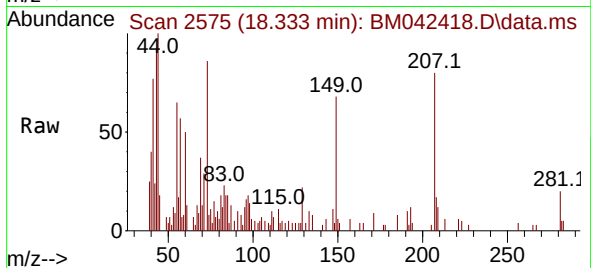
Lab File: BM042418.D

Acq: 24 Oct 2023 14:14

Instrument :

BNA_M

ClientSampleId :



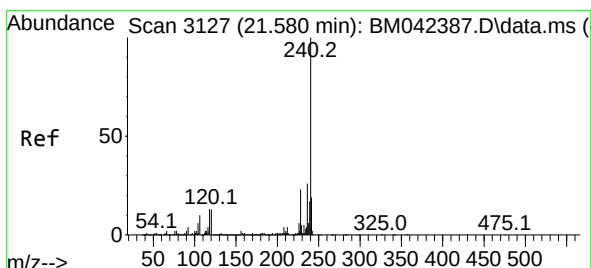
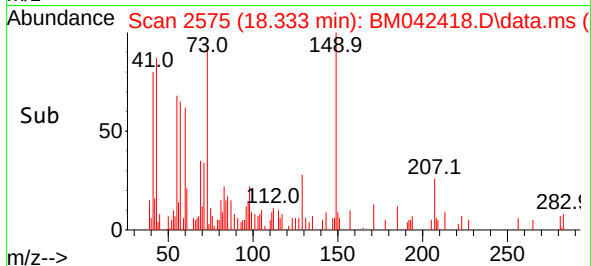
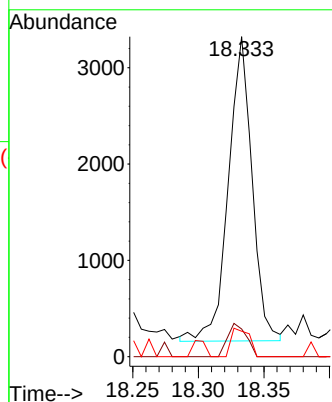
Tgt Ion:149 Resp: 3978

Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.0

104 7.9 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: BM042418.D

Acq: 24 Oct 2023 14:14

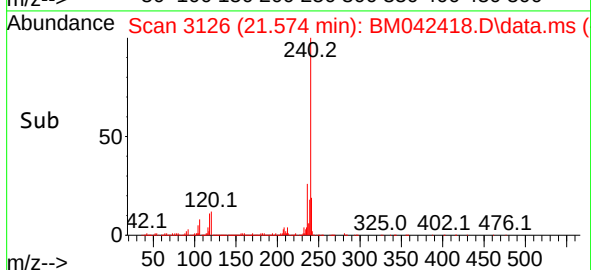
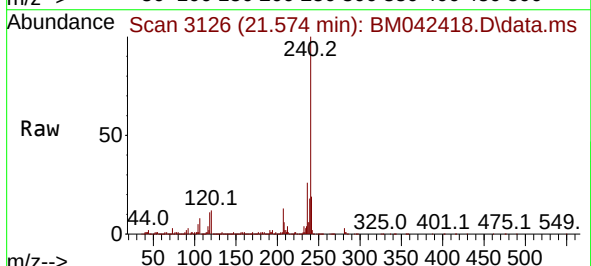
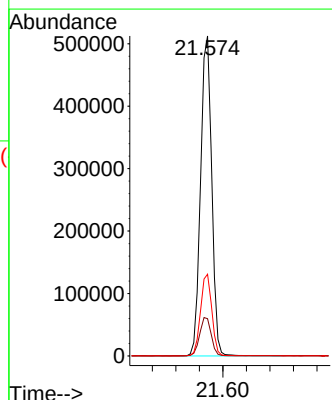
Tgt Ion:240 Resp: 673022

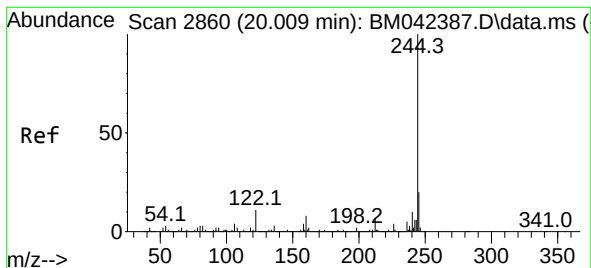
Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 92.255 ng

RT: 20.003 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM042418.D

Acq: 24 Oct 2023 14:14

Instrument :

BNA_M

ClientSampleId :

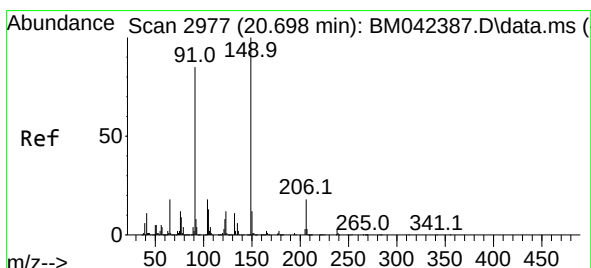
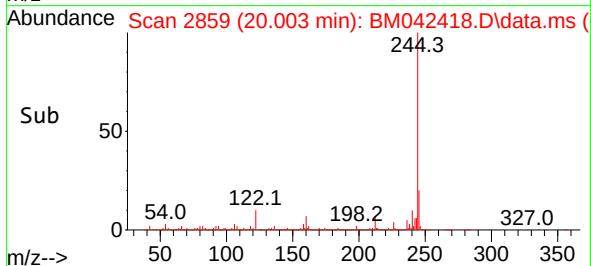
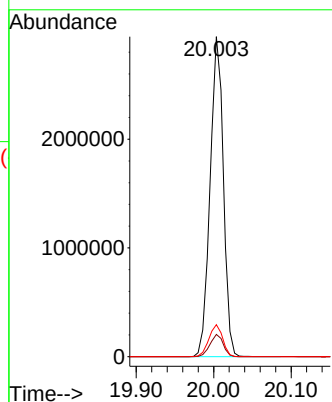
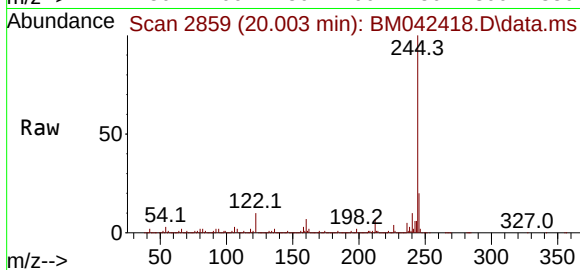
Tgt Ion:244 Resp: 3500994

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 3.275 ng

RT: 20.686 min Scan# 2975

Delta R.T. -0.012 min

Lab File: BM042418.D

Acq: 24 Oct 2023 14:14

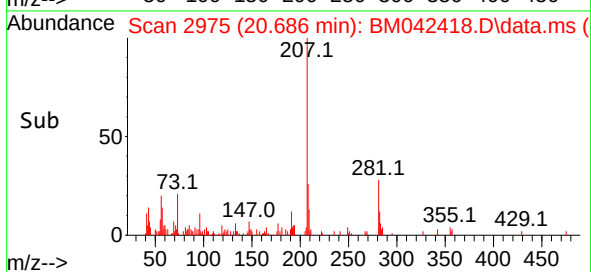
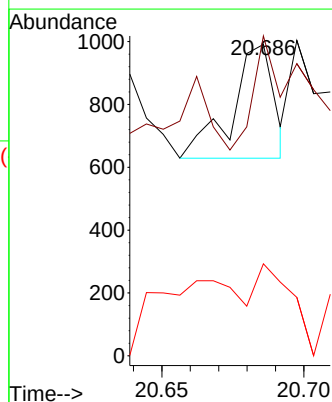
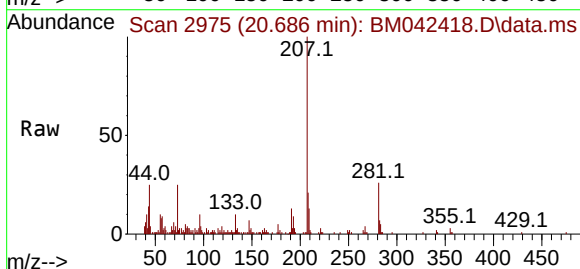
Tgt Ion:149 Resp: 371

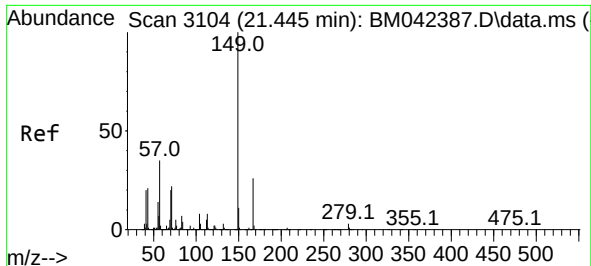
Ion Ratio Lower Upper

149 100

91 102.7 68.3 102.5#

206 29.6 14.6 22.0#

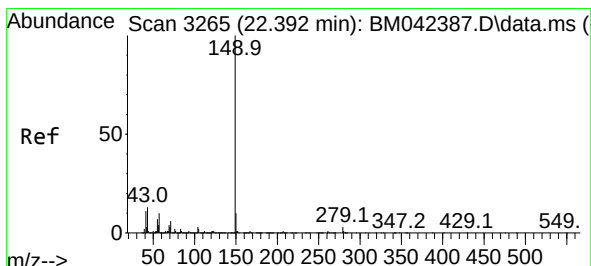
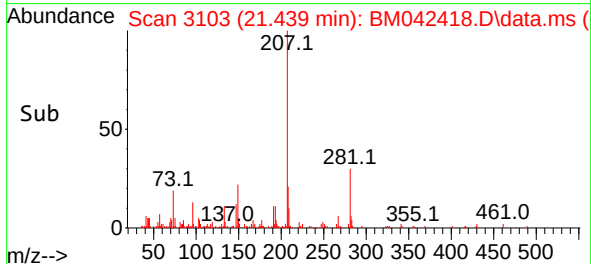
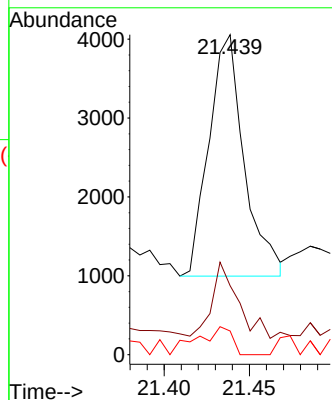
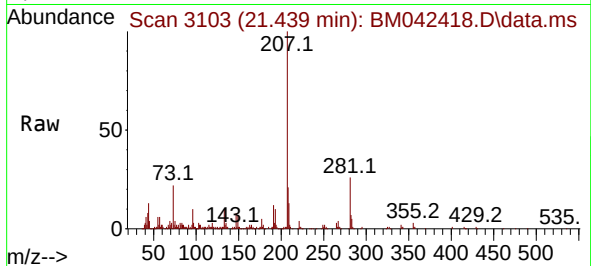




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.504 ng
 RT: 21.439 min Scan# 3103
 Delta R.T. -0.006 min
 Lab File: BM042418.D
 Acq: 24 Oct 2023 14:14

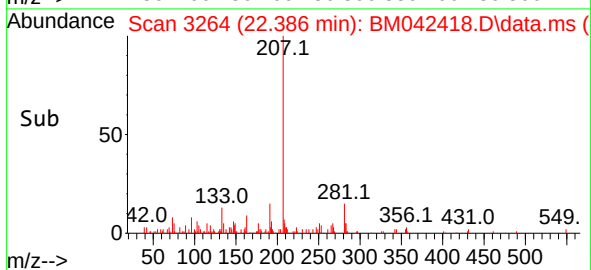
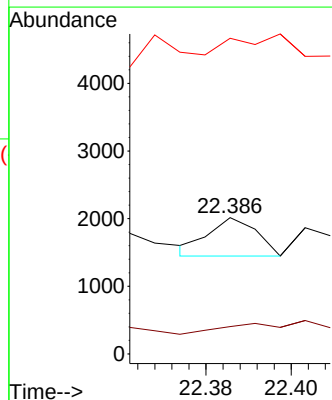
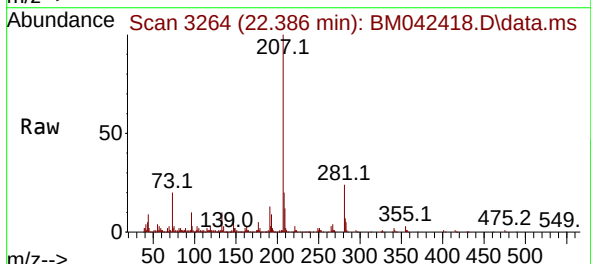
Instrument :
 BNA_M
 ClientSampleId :

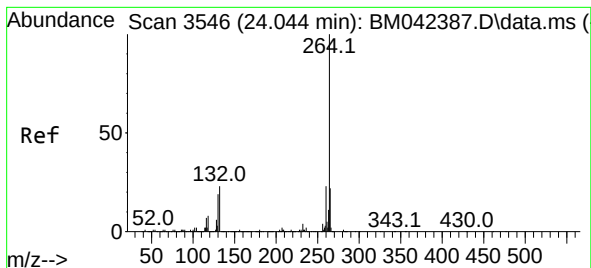
Tgt Ion:149 Resp: 4411
 Ion Ratio Lower Upper
 149 100
 167 21.5 20.9 31.3
 279 7.4 2.7 4.1#



#85
 Di-n-octyl phthalate
 Concen: 4.226 ng
 RT: 22.386 min Scan# 3264
 Delta R.T. -0.006 min
 Lab File: BM042418.D
 Acq: 24 Oct 2023 14:14

Tgt Ion:149 Resp: 440
 Ion Ratio Lower Upper
 149 100
 167 50.5 1.2 1.8#
 43 117.5 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.038 min Scan# 3

Delta R.T. -0.006 min

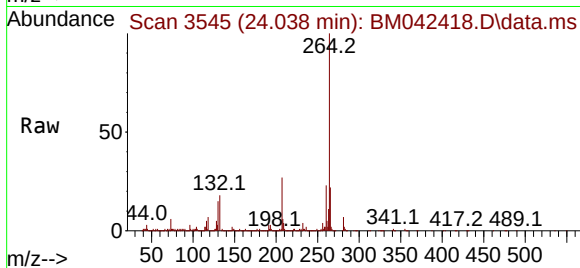
Lab File: BM042418.D

Acq: 24 Oct 2023 14:14

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:264 Resp: 752156

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.8 17.8 26.8

