

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042407.D
 Acq On : 23 Oct 2023 18:10
 Operator : MA/JU
 Sample : 04957-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 18:57:33 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)

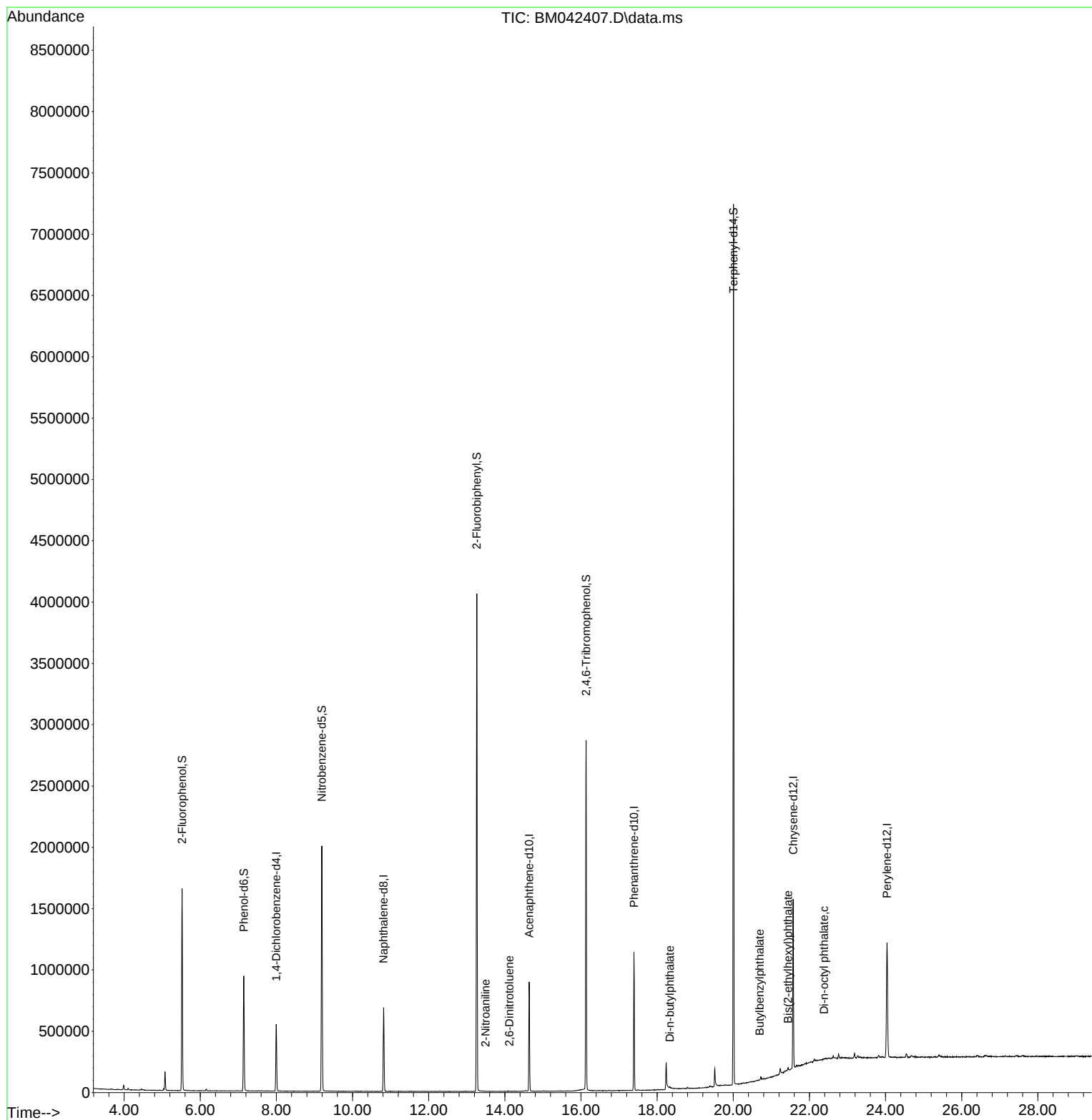
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	132450	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	512828	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	265068	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	562559	20.000	ng	0.00
76) Chrysene-d12	21.574	240	582756	20.000	ng	0.00
86) Perylene-d12	24.039	264	643846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	631432	67.377	ng	0.00
7) Phenol-d6	7.146	99	496304	39.518	ng	0.00
23) Nitrobenzene-d5	9.192	82	1101292	94.961	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	403835	137.388	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1883731	95.698	ng	0.00
79) Terphenyl-d14	20.004	244	3139605	95.547	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.492	65	58	3.648	ng	# 13
51) 2,6-Dinitrotoluene	14.116	165	57	2.900	ng	# 10
74) Di-n-butylphthalate	18.333	149	6701	2.993	ng	# 98
80) Butylbenzylphthalate	20.692	149	337	3.275	ng	# 56
84) Bis(2-ethylhexyl)phtha...	21.439	149	6706	3.606	ng	# 95
85) Di-n-octyl phthalate	22.380	149	1408	4.247	ng	# 1

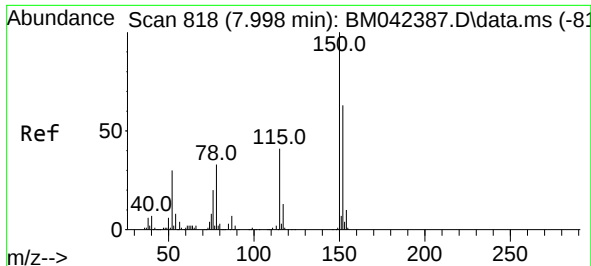
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

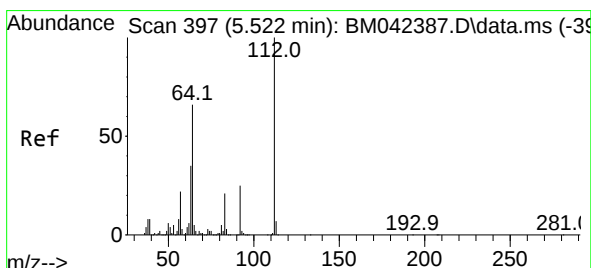
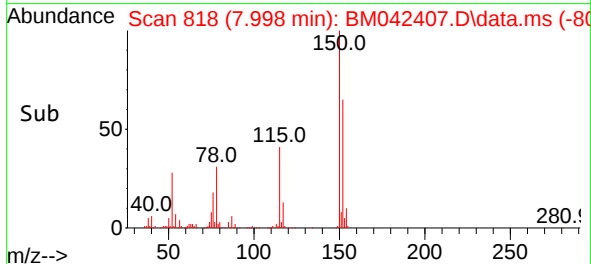
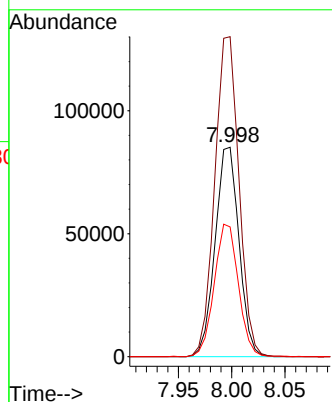
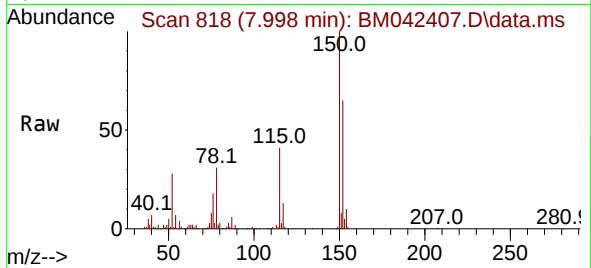




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042407.D
Acq: 23 Oct 2023 18:10

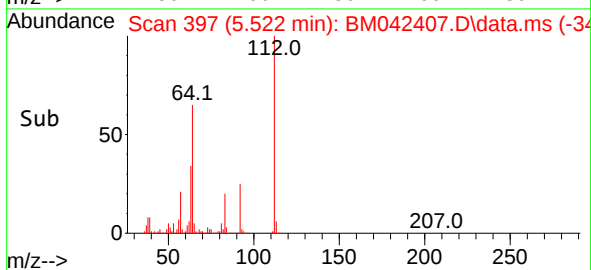
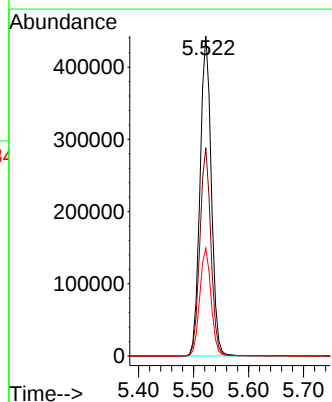
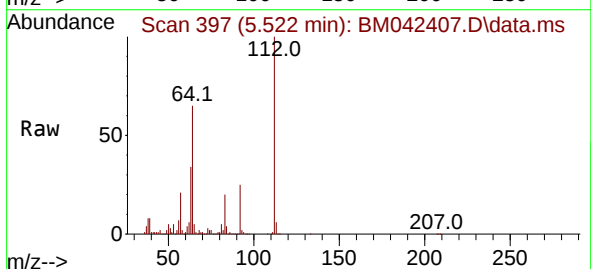
Instrument :
BNA_M
ClientSampleId :

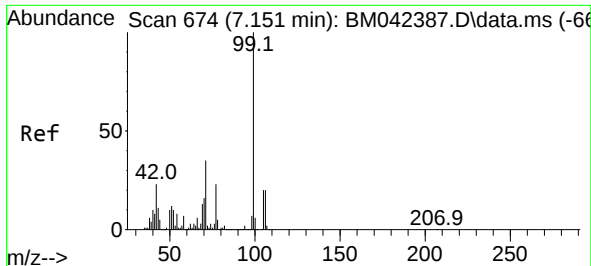
Tgt Ion:152 Resp: 132450
Ion Ratio Lower Upper
152 100
150 152.7 126.2 189.4
115 61.9 51.9 77.9



#5
2-Fluorophenol
Concen: 67.377 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042407.D
Acq: 23 Oct 2023 18:10

Tgt Ion:112 Resp: 631432
Ion Ratio Lower Upper
112 100
64 65.1 52.7 79.1
63 33.7 28.3 42.5

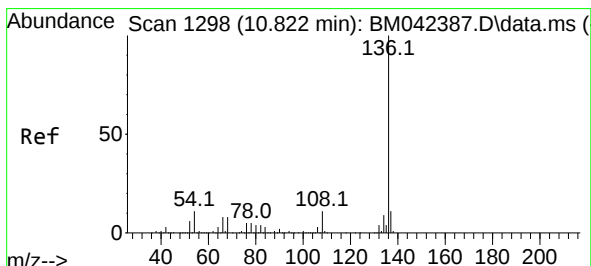
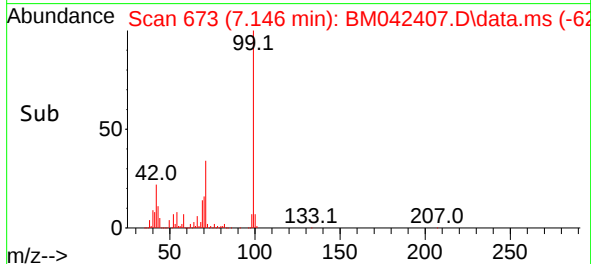
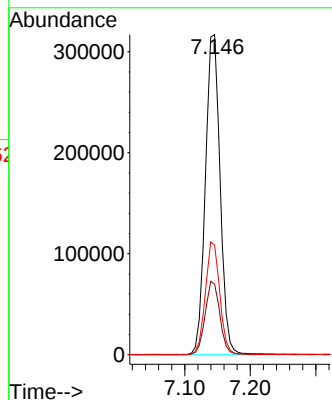
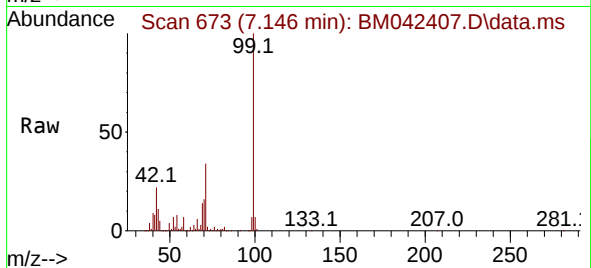




#7
Phenol-d6
Concen: 39.518 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042407.D
Acq: 23 Oct 2023 18:10

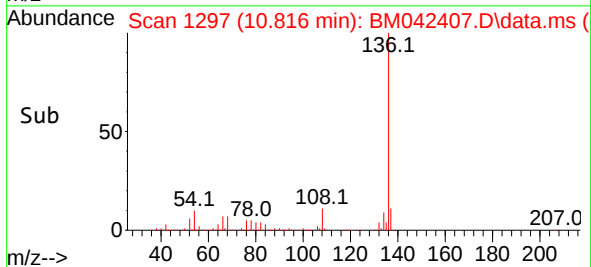
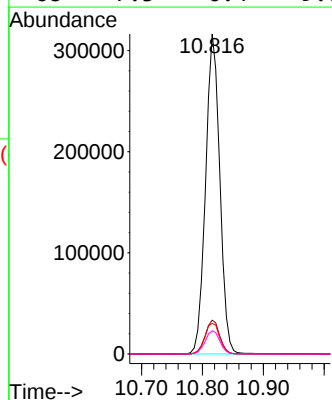
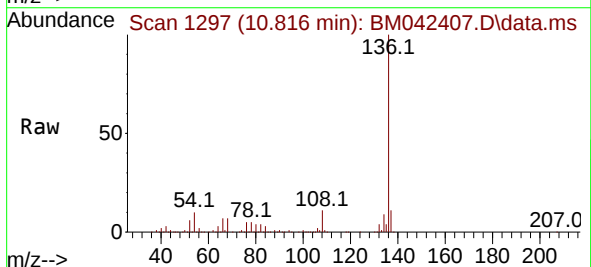
Instrument :
BNA_M
ClientSampleId :

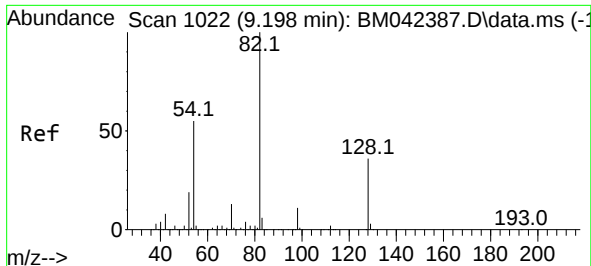
Tgt Ion: 99 Resp: 496304
Ion Ratio Lower Upper
99 100
42 22.0 18.5 27.7
71 34.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042407.D
Acq: 23 Oct 2023 18:10

Tgt Ion: 136 Resp: 512828
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.6 8.6 12.8
68 7.3 6.4 9.6

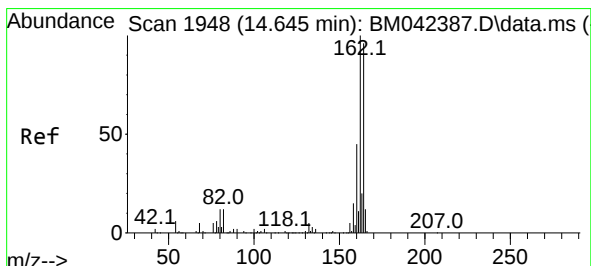
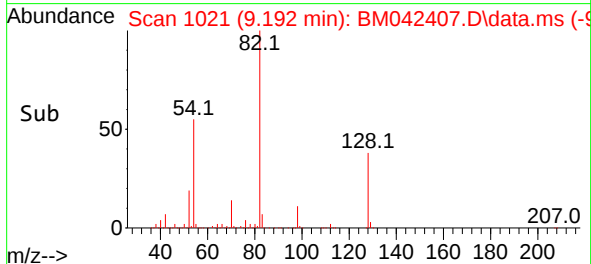
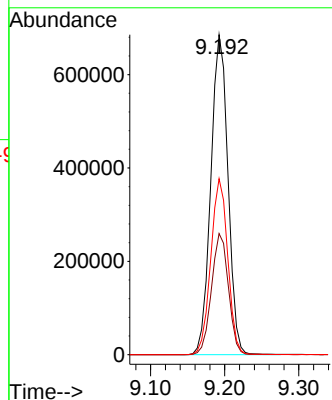
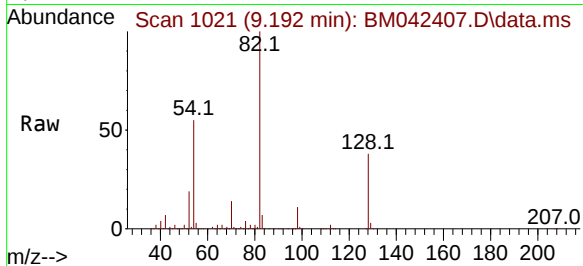




#23
Nitrobenzene-d5
Concen: 94.961 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042407.D
Acq: 23 Oct 2023 18:10

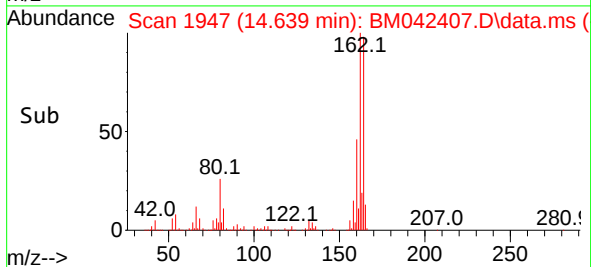
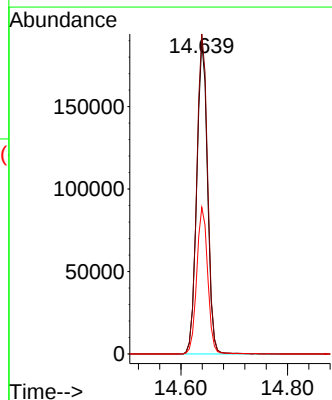
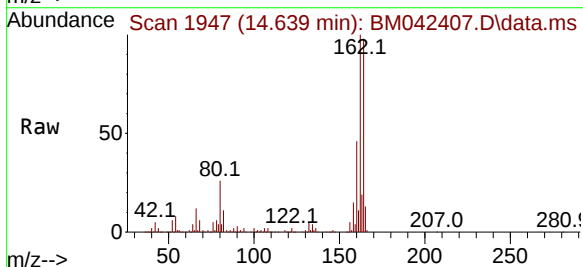
Instrument :
BNA_M
ClientSampleId :

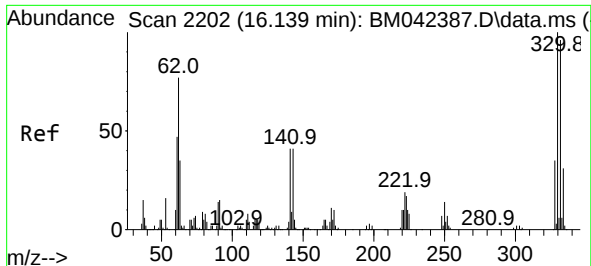
Tgt Ion: 82 Resp: 1101292
Ion Ratio Lower Upper
82 100
128 37.8 29.0 43.6
54 55.0 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042407.D
Acq: 23 Oct 2023 18:10

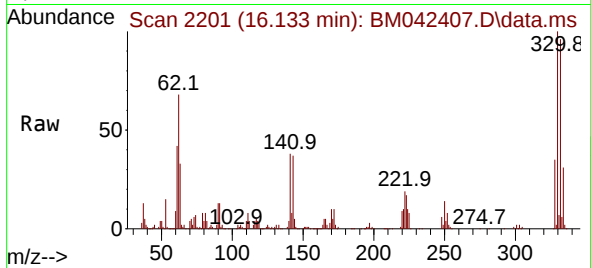
Tgt Ion:164 Resp: 265068
Ion Ratio Lower Upper
164 100
162 102.5 83.0 124.4
160 46.9 37.0 55.4



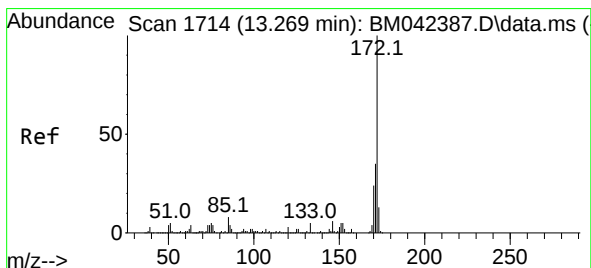
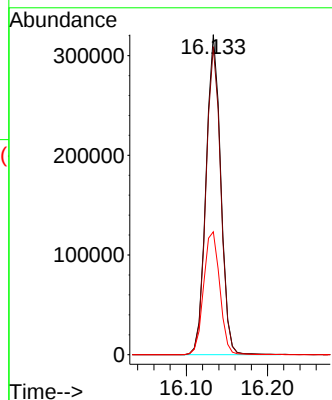
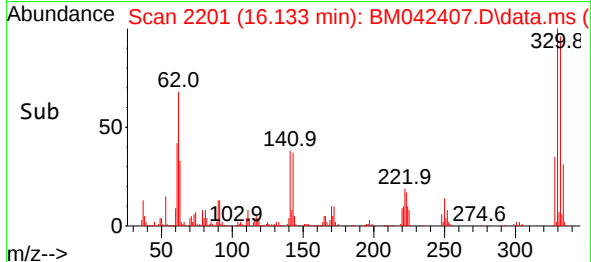


#42
2,4,6-Tribromophenol
Concen: 137.388 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042407.D
Acq: 23 Oct 2023 18:10

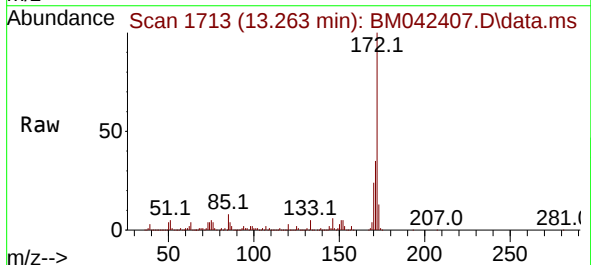
Instrument :
BNA_M
ClientSampleId :



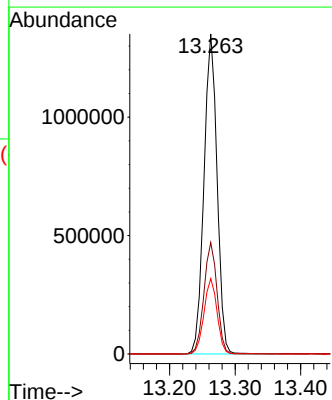
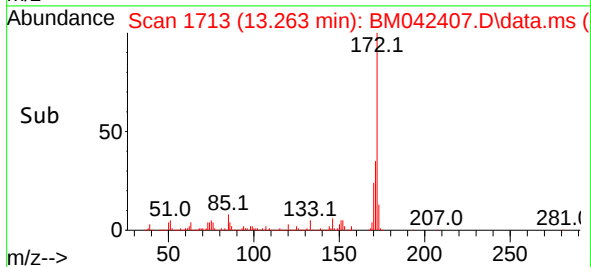
Tgt Ion:330 Resp: 403835
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 42.1 38.0 57.0

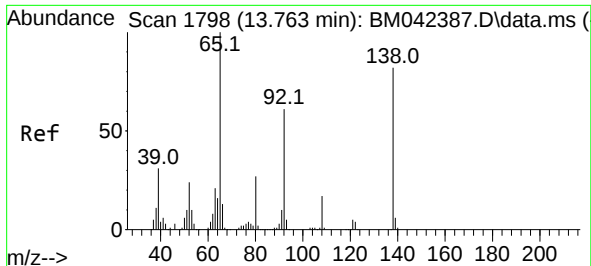


#45
2-Fluorobiphenyl
Concen: 95.698 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042407.D
Acq: 23 Oct 2023 18:10



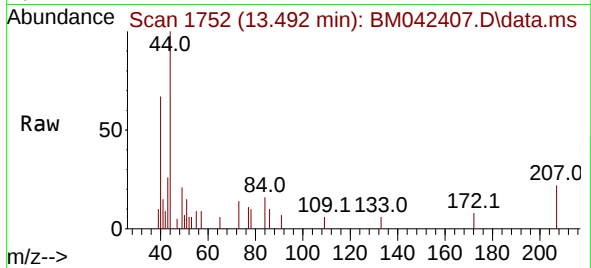
Tgt Ion:172 Resp: 1883731
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.5 18.9 28.3



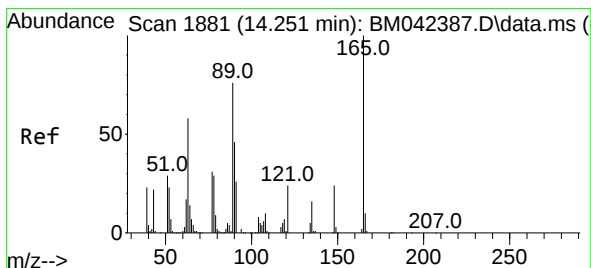
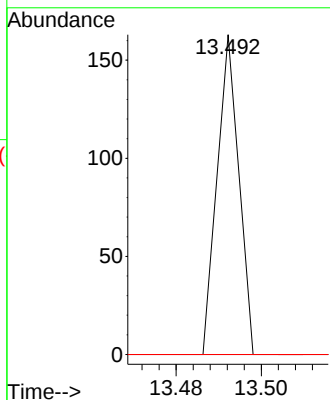
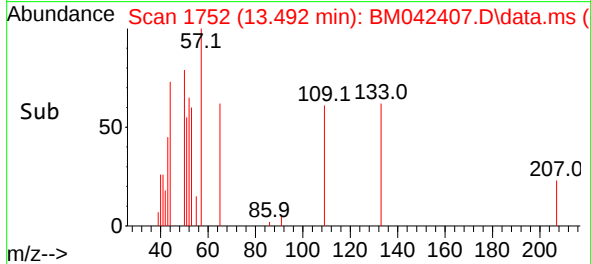


#48
2-Nitroaniline
Concen: 3.648 ng
RT: 13.492 min Scan# 11
Delta R.T. -0.271 min
Lab File: BM042407.D
Acq: 23 Oct 2023 18:10

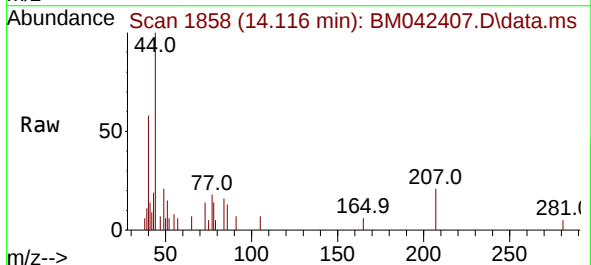
Instrument :
BNA_M
ClientSampleId :



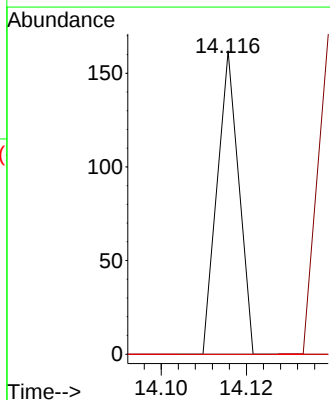
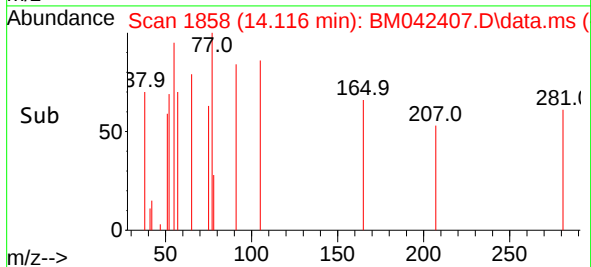
Tgt Ion: 65 Resp: 58
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 0.0 65.5 98.3#

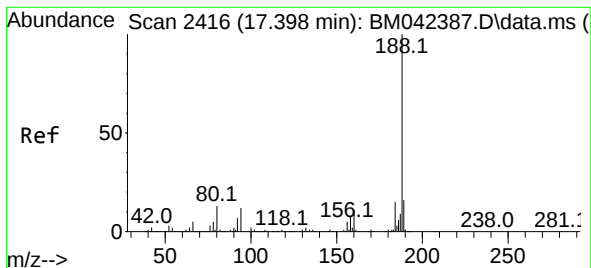


#51
2,6-Dinitrotoluene
Concen: 2.900 ng
RT: 14.116 min Scan# 1858
Delta R.T. -0.135 min
Lab File: BM042407.D
Acq: 23 Oct 2023 18:10



Tgt Ion: 165 Resp: 57
Ion Ratio Lower Upper
165 100
63 0.0 65.3 97.9#
89 0.0 60.6 91.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM042407.D

Acq: 23 Oct 2023 18:10

Instrument :

BNA_M

ClientSampleId :

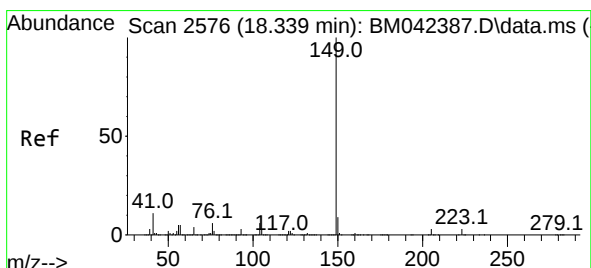
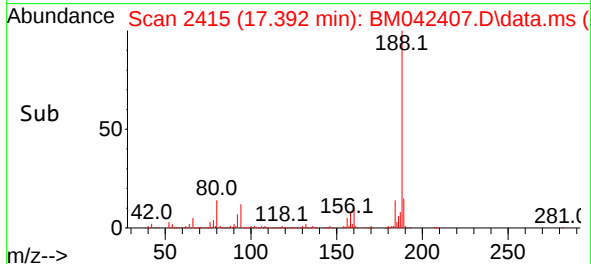
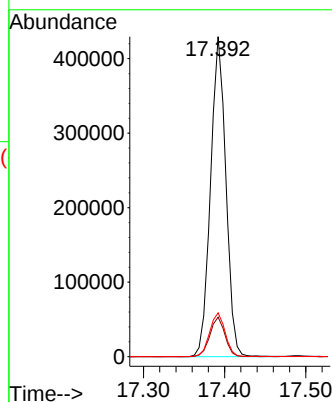
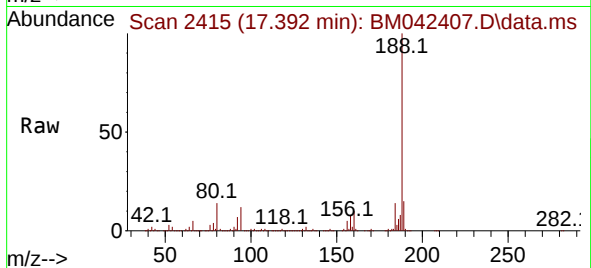
Tgt Ion:188 Resp: 562559

Ion Ratio Lower Upper

188 100

94 12.4 9.4 14.0

80 13.7 10.7 16.1



#74

Di-n-butylphthalate

Concen: 2.993 ng

RT: 18.333 min Scan# 2575

Delta R.T. -0.006 min

Lab File: BM042407.D

Acq: 23 Oct 2023 18:10

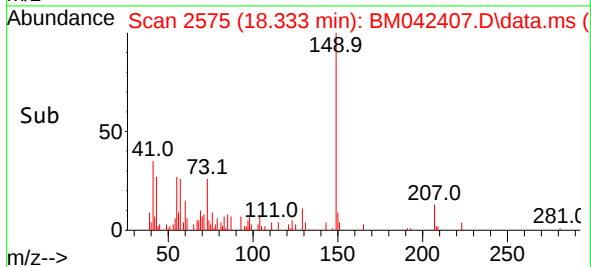
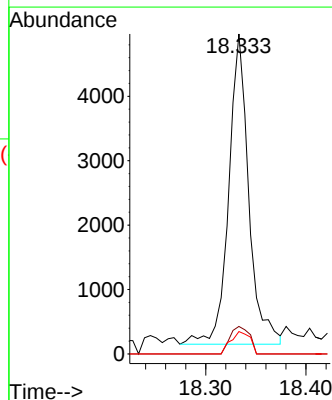
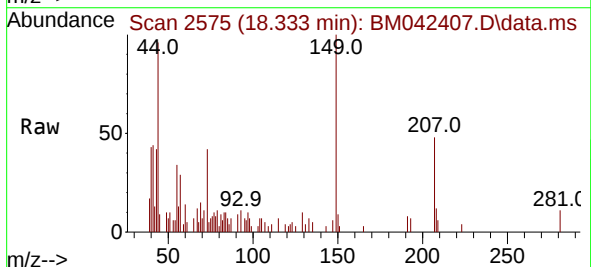
Tgt Ion:149 Resp: 6701

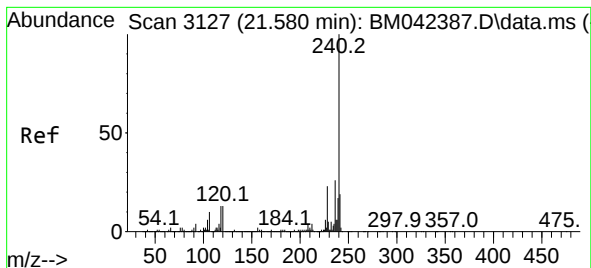
Ion Ratio Lower Upper

149 100

150 8.6 7.4 11.0

104 7.0 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: BM042407.D

Acq: 23 Oct 2023 18:10

Instrument :

BNA_M

ClientSampleId :

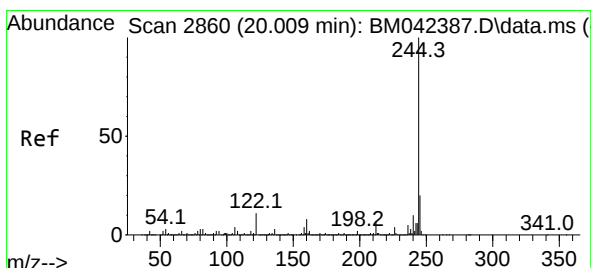
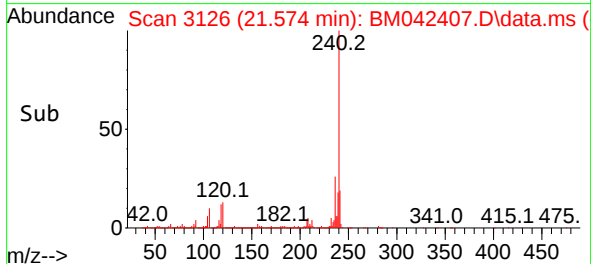
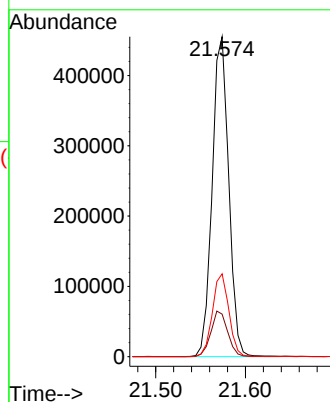
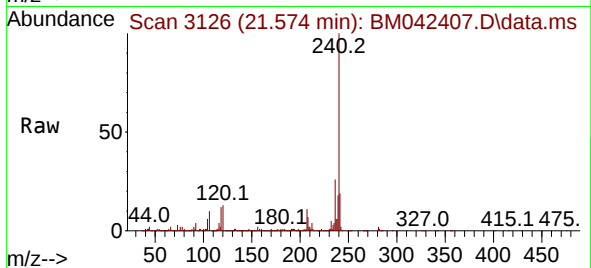
Tgt Ion:240 Resp: 582756

Ion Ratio Lower Upper

240 100

120 13.3 10.7 16.1

236 25.9 20.7 31.1



#79

Terphenyl-d14

Concen: 95.547 ng

RT: 20.004 min Scan# 2859

Delta R.T. -0.005 min

Lab File: BM042407.D

Acq: 23 Oct 2023 18:10

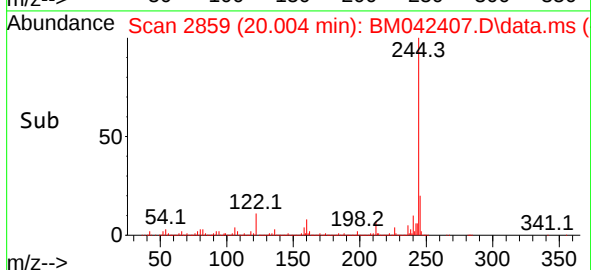
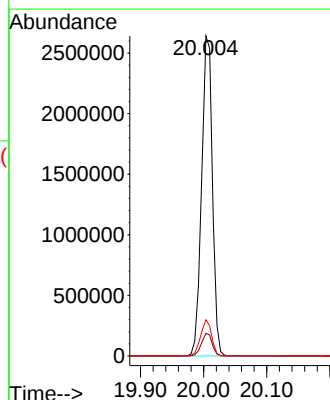
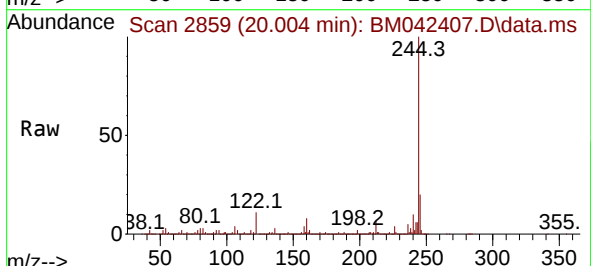
Tgt Ion:244 Resp: 3139605

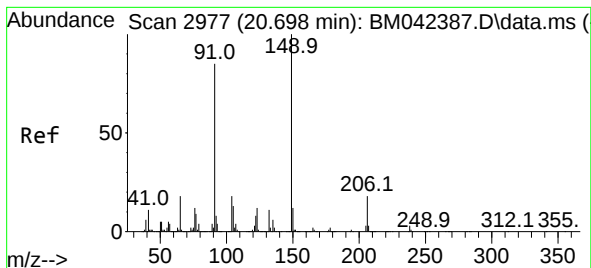
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.3 8.8 13.2





#80

Butylbenzylphthalate

Concen: 3.275 ng

RT: 20.692 min Scan# 2976

Delta R.T. -0.006 min

Lab File: BM042407.D

Acq: 23 Oct 2023 18:10

Instrument :

BNA_M

ClientSampleId :

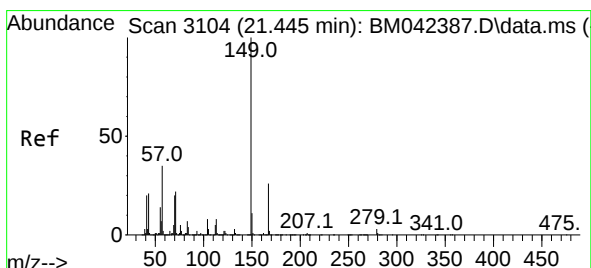
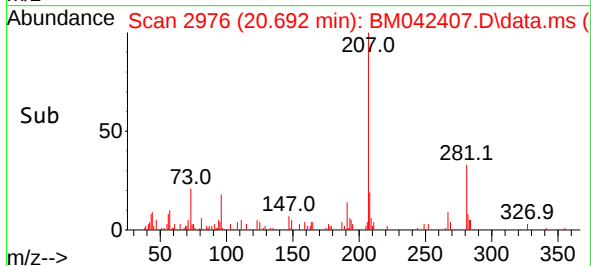
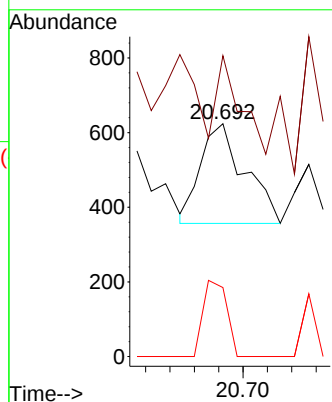
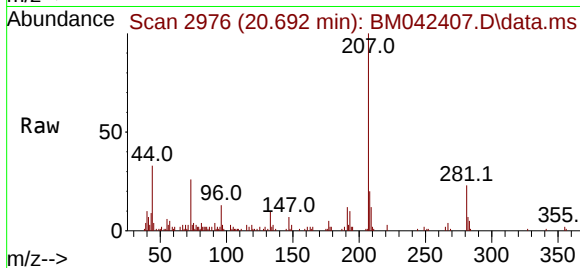
Tgt Ion:149 Resp: 337

Ion Ratio Lower Upper

149 100

91 129.2 68.3 102.5#

206 29.6 14.6 22.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.606 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042407.D

Acq: 23 Oct 2023 18:10

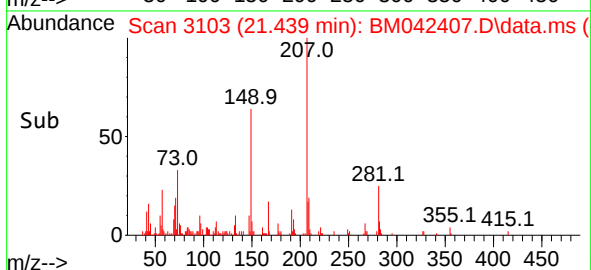
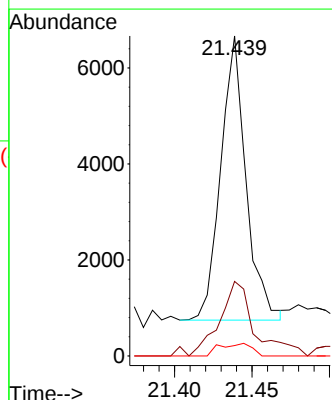
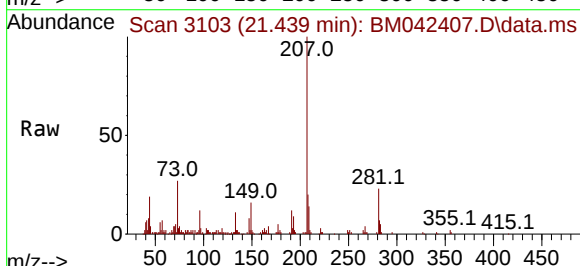
Tgt Ion:149 Resp: 6706

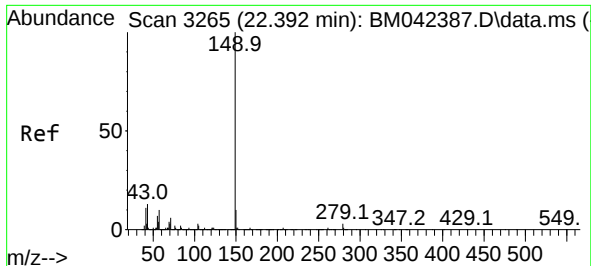
Ion Ratio Lower Upper

149 100

167 23.3 20.9 31.3

279 3.3 2.7 4.1

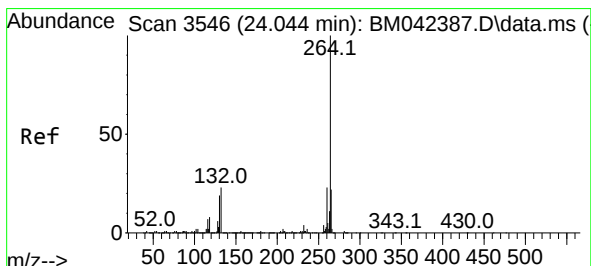
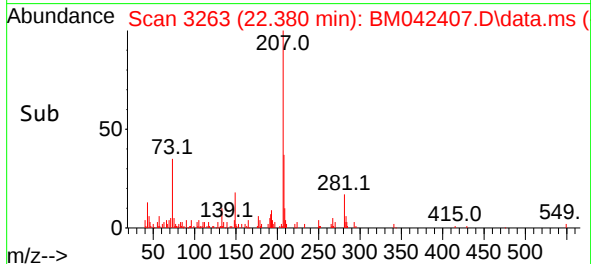
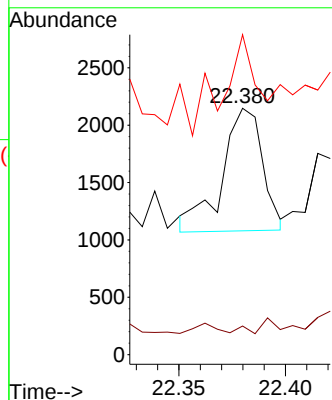
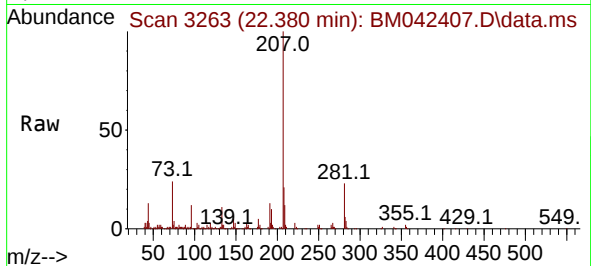




#85
Di-n-octyl phthalate
Concen: 4.247 ng
RT: 22.380 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042407.D
Acq: 23 Oct 2023 18:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1408
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 71.0 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: BM042407.D
Acq: 23 Oct 2023 18:10

Tgt Ion:264 Resp: 643846
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 22.2 17.8 26.8

