

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051823\
 Data File : BM039948.D
 Acq On : 18 May 2023 13:01
 Operator : CG/JU
 Sample : PB152844BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152844BL

Quant Time: May 19 05:18:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 15:26:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

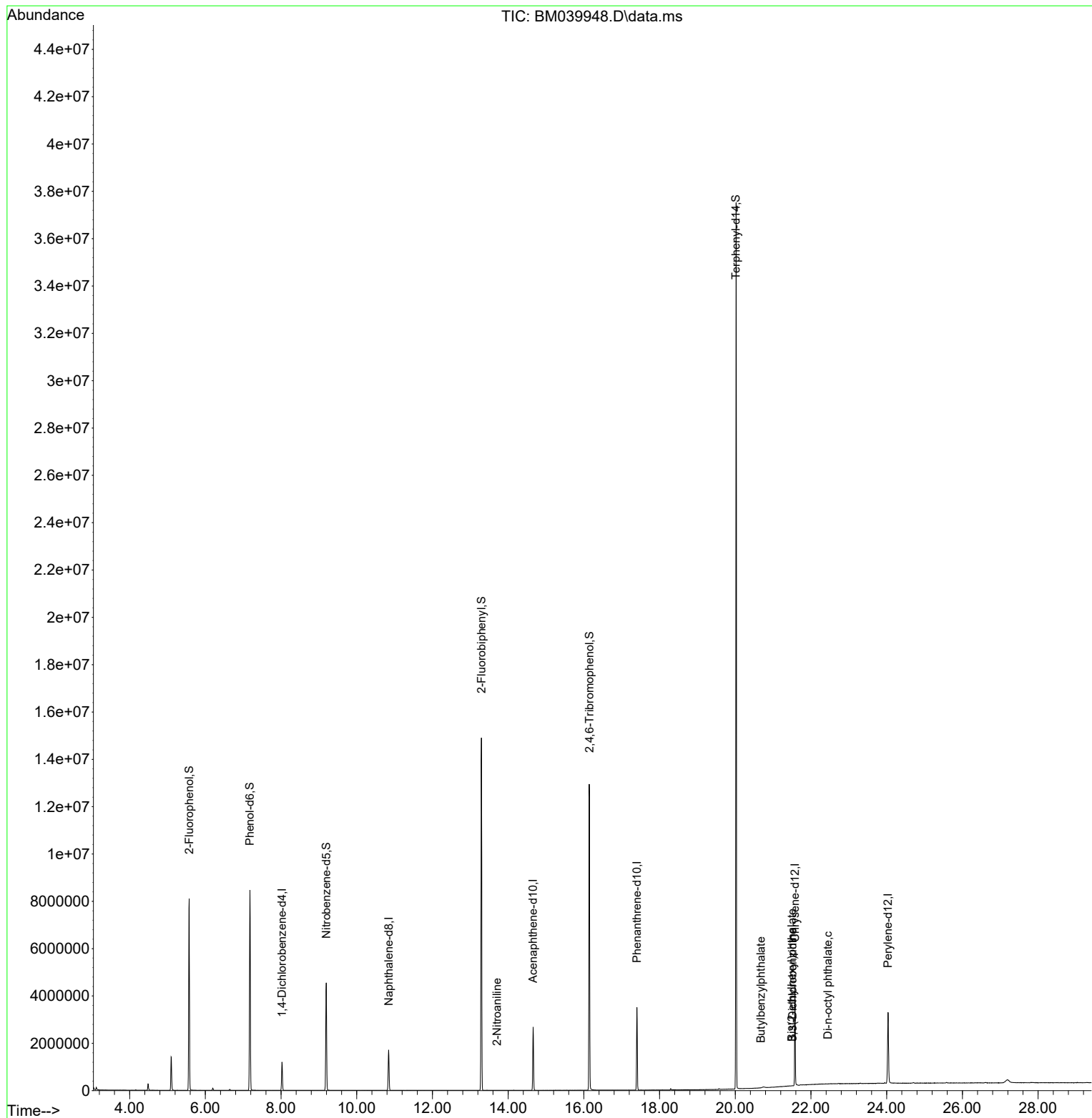
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	309507	20.000	ng	0.00
21) Naphthalene-d8	10.842	136	1375190	20.000	ng	0.00
39) Acenaphthene-d10	14.660	164	831077	20.000	ng	0.00
64) Phenanthrene-d10	17.401	188	1905034	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1677611	20.000	ng	0.00
86) Perylene-d12	24.036	264	1973407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	3669232	192.658	ng	0.00
7) Phenol-d6	7.178	99	4809293	189.514	ng	0.00
23) Nitrobenzene-d5	9.195	82	2571856	109.531	ng	0.00
42) 2,4,6-Tribromophenol	16.148	330	2366806	146.968	ng	0.00
45) 2-Fluorobiphenyl	13.295	172	7075468	108.903	ng	0.00
79) Terphenyl-d14	20.018	244	12460745	134.430	ng	0.00
Target Compounds						
9) Benzaldehyde	7.178	77	8920	Below Cal	Qvalue	# 5
48) 2-Nitroaniline	13.707	65	56	5.022 ng	#	1
80) Butylbenzylphthalate	20.677	149	219	4.616 ng	#	86
82) 3,3'-Dichlorobenzidine	21.512	252	268	6.684 ng	#	25
84) Bis(2-ethylhexyl)phtha...	21.495	149	598	4.839 ng	#	86
85) Di-n-octyl phthalate	22.448	149	391	7.710 ng	#	77

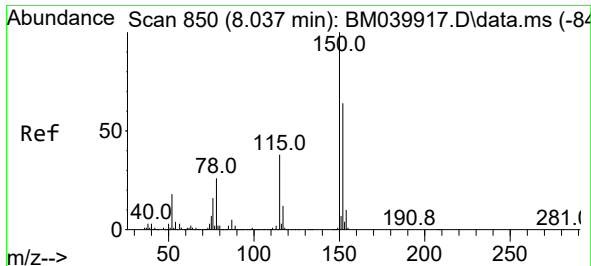
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

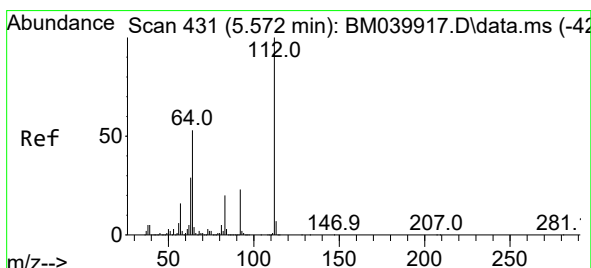
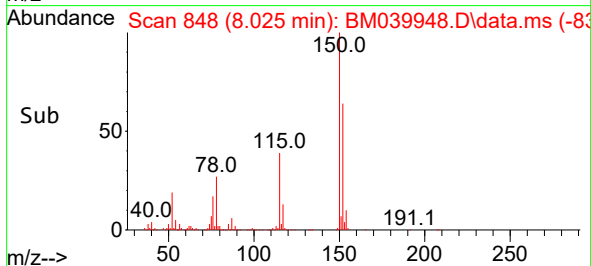
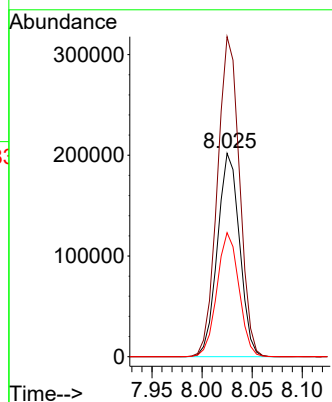
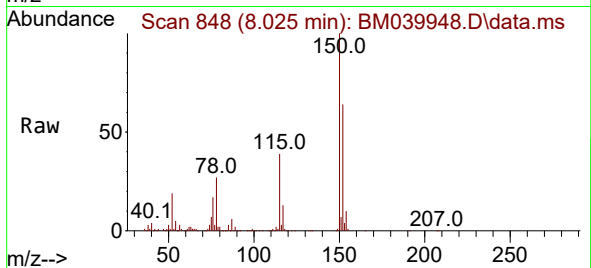




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.025 min Scan# 84
Delta R.T. -0.000 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

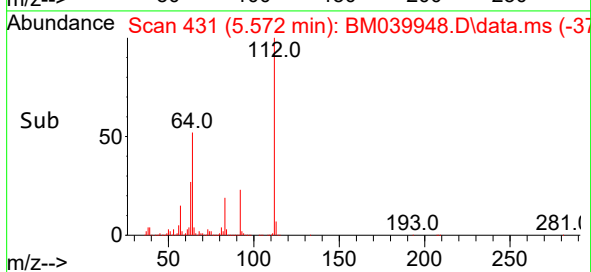
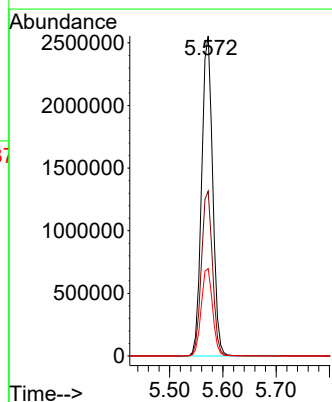
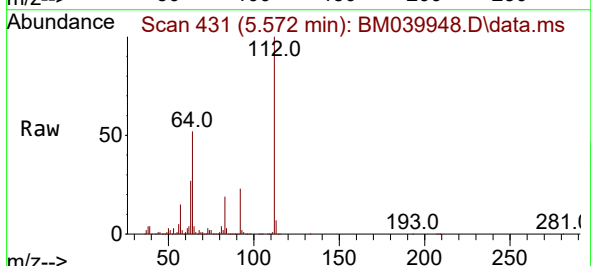
Instrument :
BNA_M
ClientSampleId :
PB152844BL

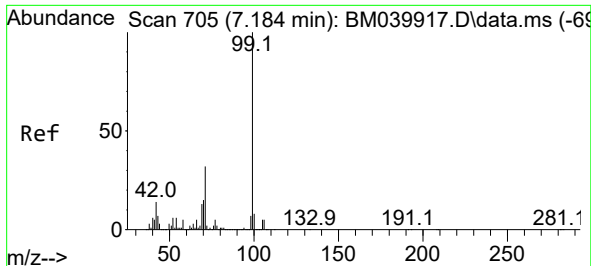
Tgt Ion:152 Resp: 309507
Ion Ratio Lower Upper
152 100
150 157.3 125.0 187.4
115 60.9 47.0 70.6



#5
2-Fluorophenol
Concen: 192.658 ng
RT: 5.572 min Scan# 431
Delta R.T. 0.006 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

Tgt Ion:112 Resp: 3669232
Ion Ratio Lower Upper
112 100
64 51.5 42.6 64.0
63 27.3 23.3 34.9

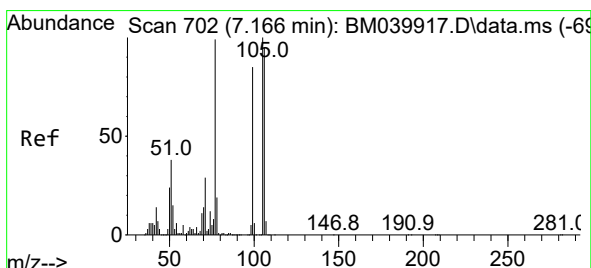
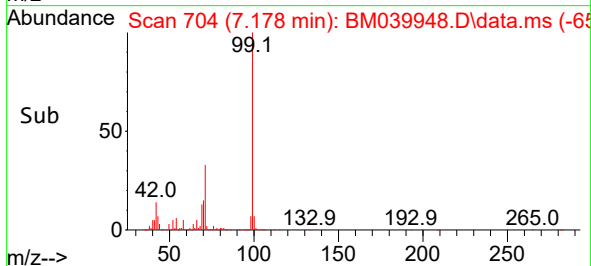
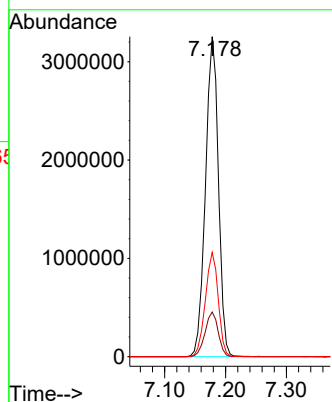
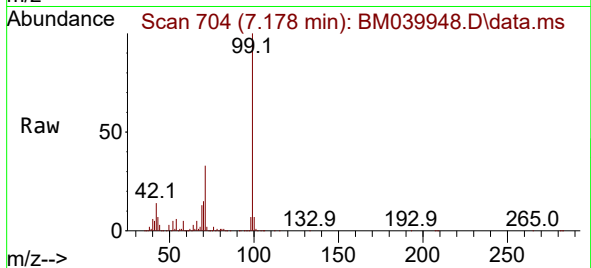




#7
Phenol-d6
Concen: 189.514 ng
RT: 7.178 min Scan# 704
Delta R.T. 0.000 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

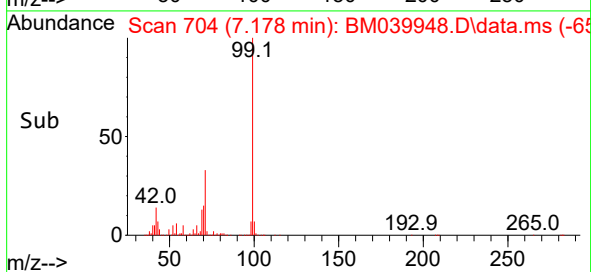
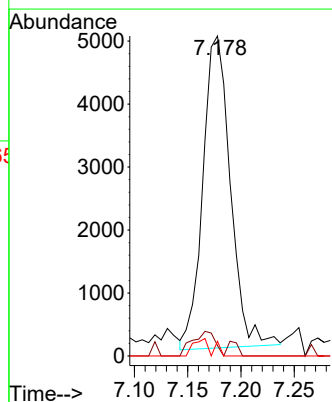
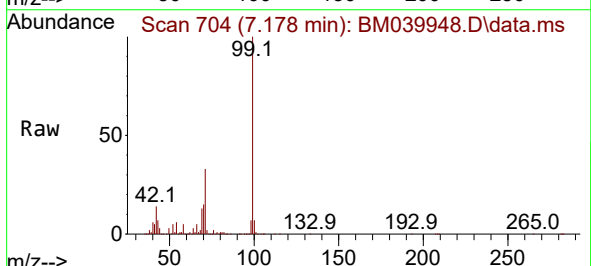
Instrument :
BNA_M
ClientSampleId :
PB152844BL

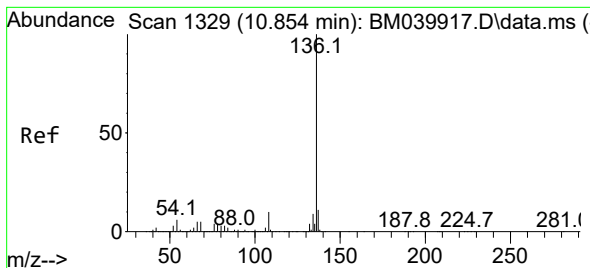
Tgt Ion: 99 Resp: 4809293
Ion Ratio Lower Upper
99 100
42 14.0 11.5 17.3
71 32.6 25.7 38.5



#9
Benzaldehyde
Concen: Below Cal
RT: 7.178 min Scan# 704
Delta R.T. 0.018 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

Tgt Ion: 77 Resp: 8920
Ion Ratio Lower Upper
77 100
105 3.2 81.2 121.2#
106 4.6 76.2 116.2#

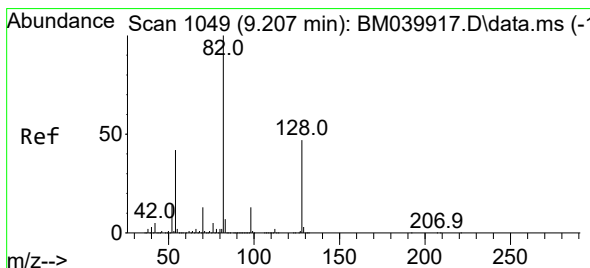
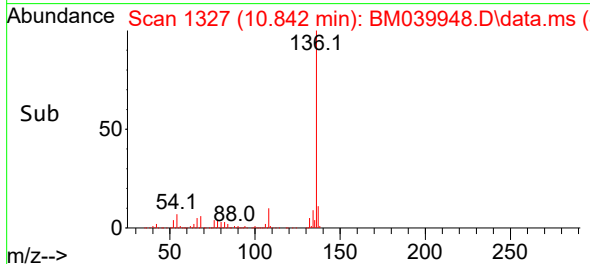
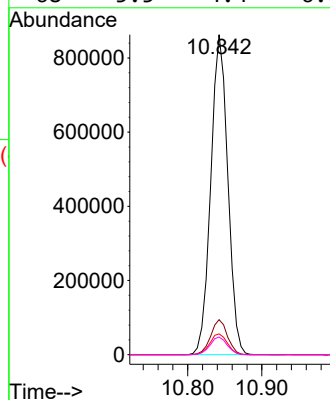
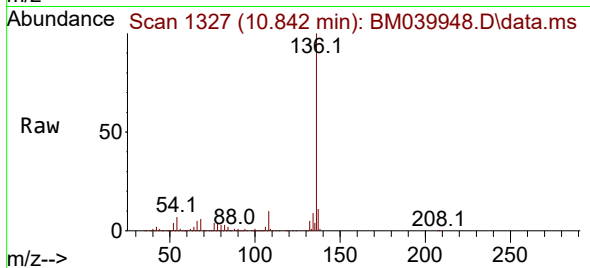




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.842 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

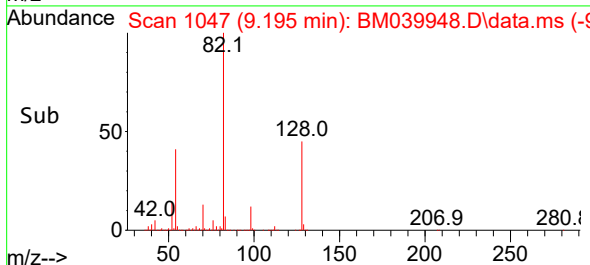
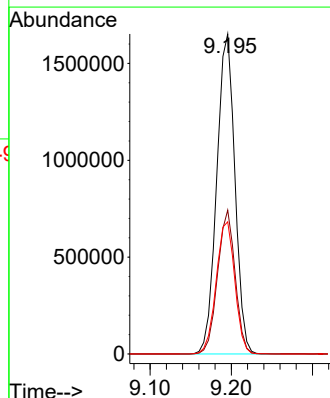
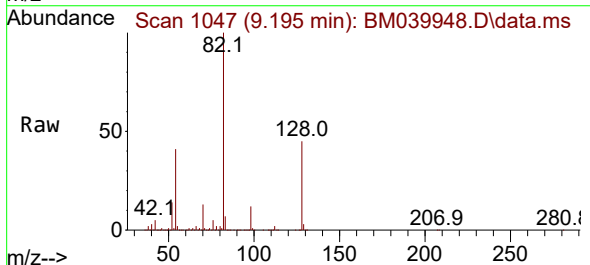
Instrument :
BNA_M
ClientSampleId :
PB152844BL

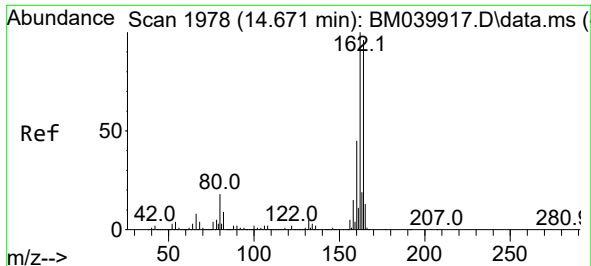
Tgt Ion:136 Resp: 1375190
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.5 5.2 7.8
68 5.5 4.4 6.6



#23
Nitrobenzene-d5
Concen: 109.531 ng
RT: 9.195 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

Tgt Ion: 82 Resp: 2571856
Ion Ratio Lower Upper
82 100
128 45.0 37.2 55.8
54 41.3 33.5 50.3

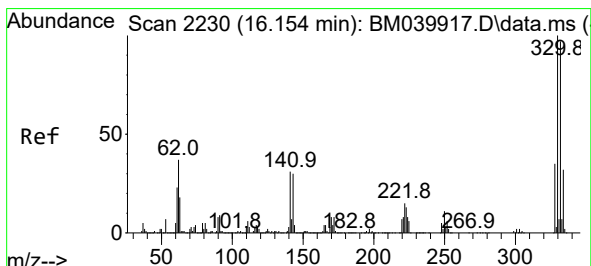
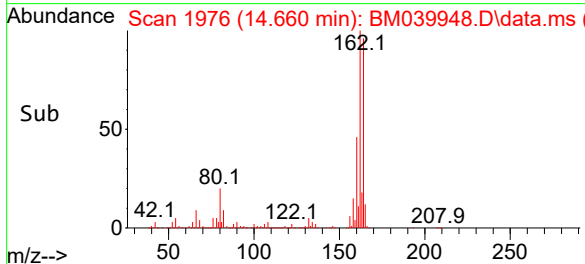
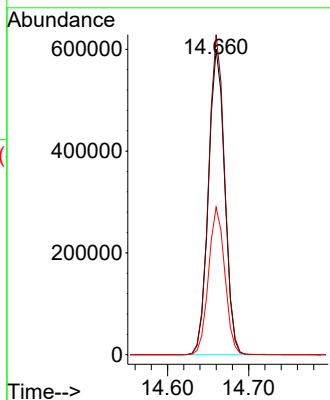
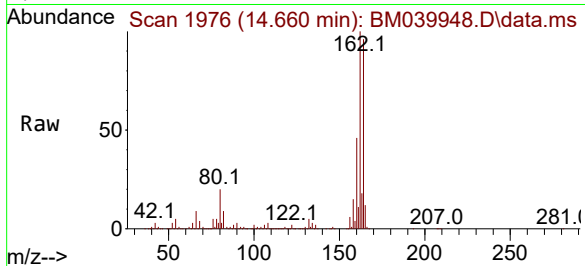




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.660 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

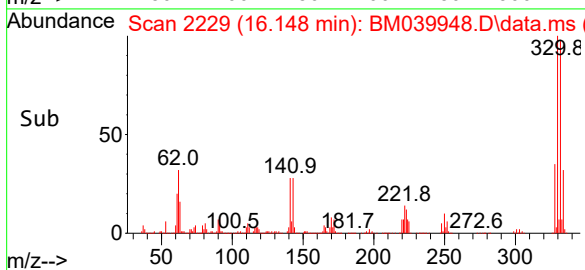
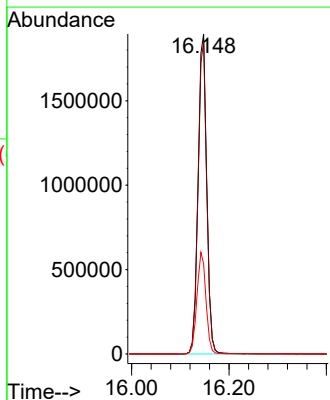
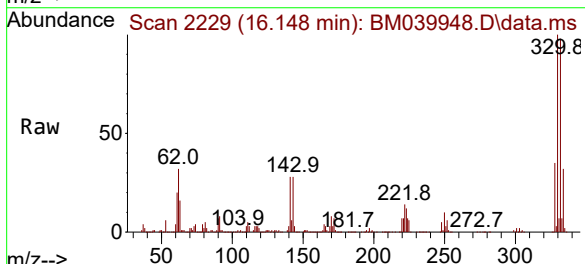
Instrument :
BNA_M
ClientSampleId :
PB152844BL

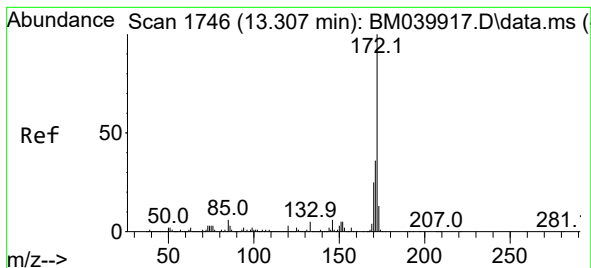
Tgt Ion:164 Resp: 831077
Ion Ratio Lower Upper
164 100
162 104.7 83.6 125.4
160 48.3 37.8 56.6



#42
2,4,6-Tribromophenol
Concen: 146.968 ng
RT: 16.148 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

Tgt Ion:330 Resp: 2366806
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 33.2 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 108.903 ng

RT: 13.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039948.D

Acq: 18 May 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB152844BL

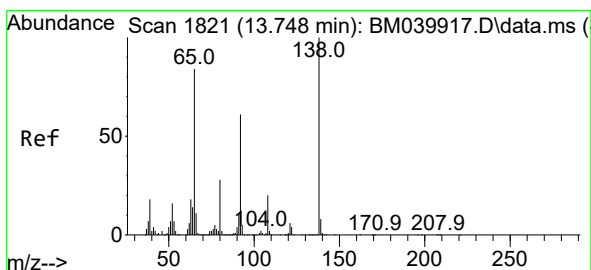
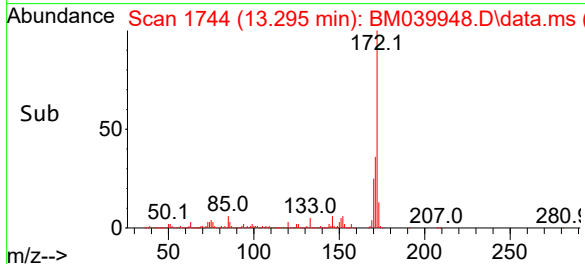
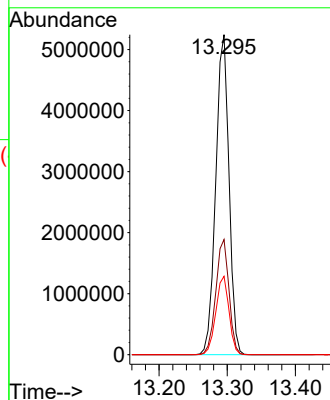
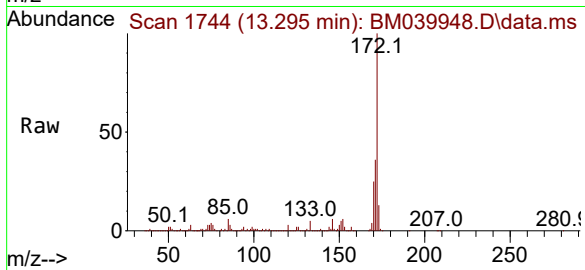
Tgt Ion:172 Resp: 7075468

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 24.5 19.9 29.9



#48

2-Nitroaniline

Concen: 5.022 ng

RT: 13.707 min Scan# 1814

Delta R.T. -0.035 min

Lab File: BM039948.D

Acq: 18 May 2023 13:01

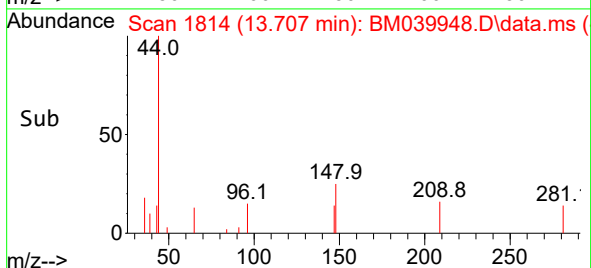
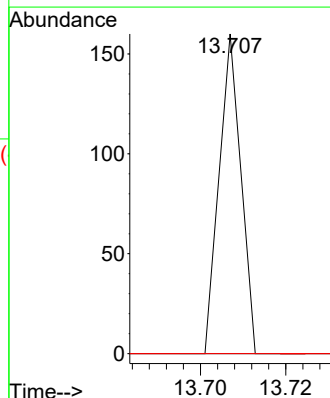
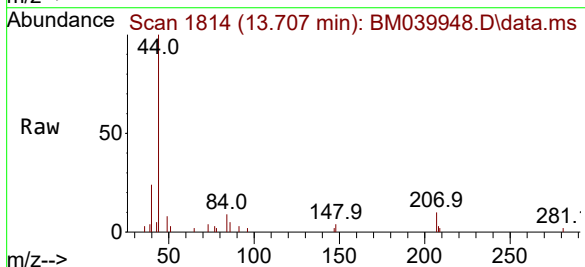
Tgt Ion: 65 Resp: 56

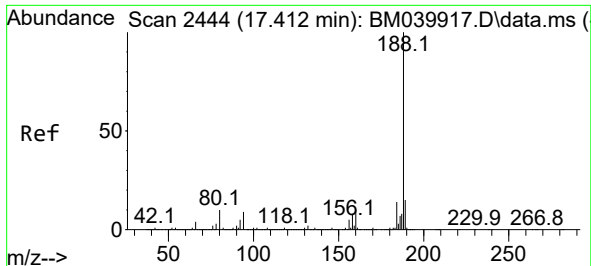
Ion Ratio Lower Upper

65 100

92 0.0 57.7 86.5#

138 0.0 95.0 142.6#

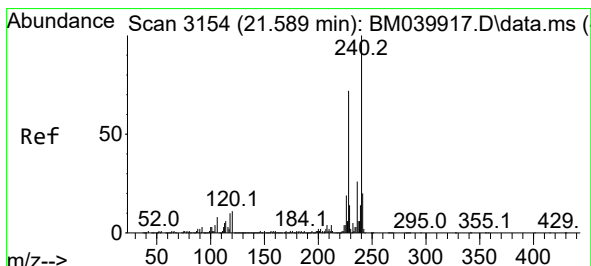
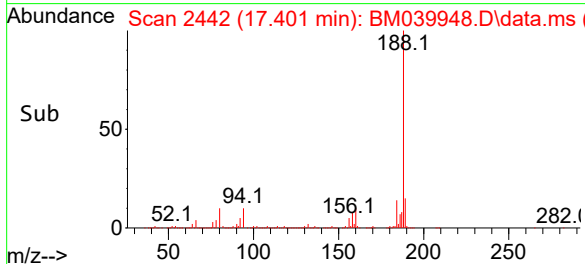
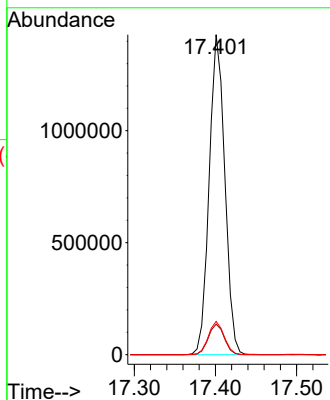
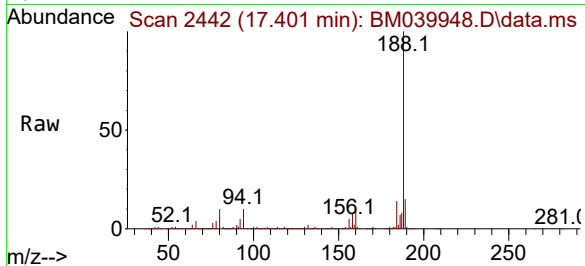




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.401 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

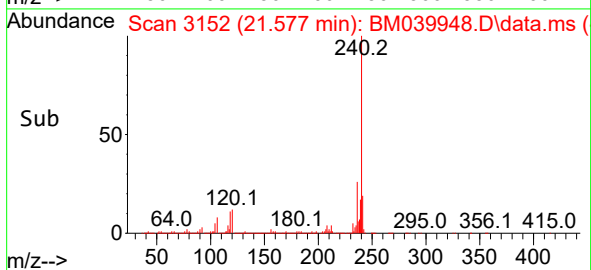
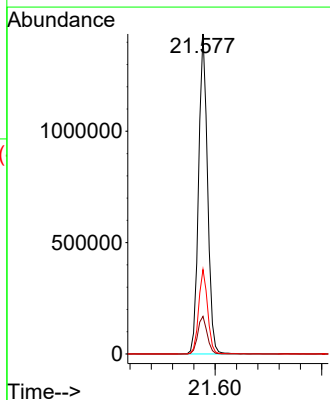
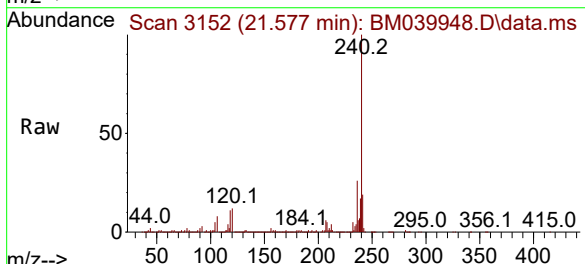
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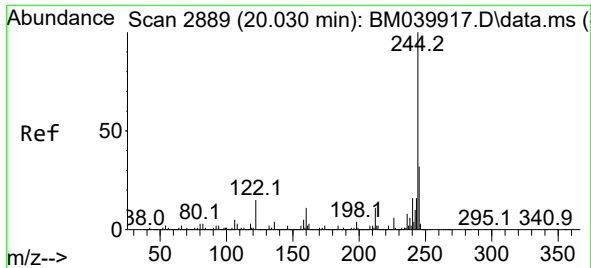
Tgt Ion:188 Resp: 1905034
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BM039948.D
Acq: 18 May 2023 13:01

Tgt Ion:240 Resp: 1677611
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.4
236 26.4 20.9 31.3

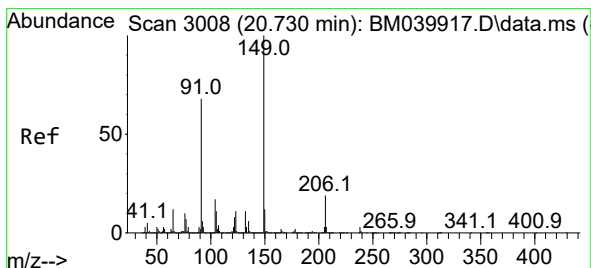
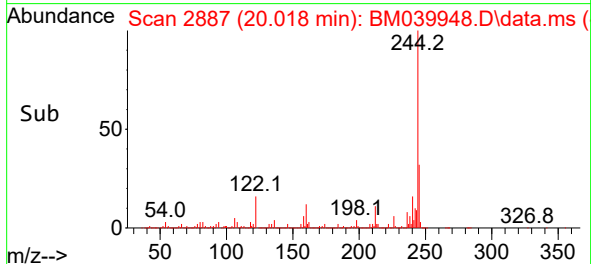
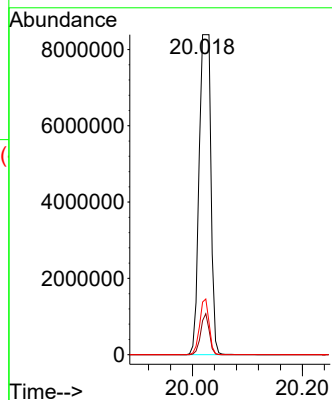
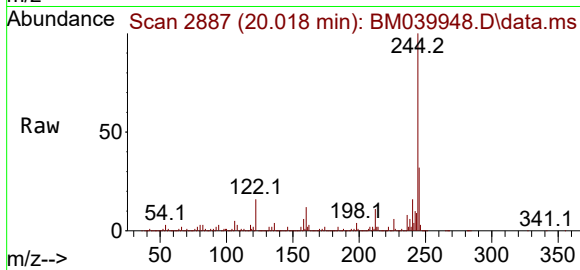




#79
 Terphenyl-d14
 Concen: 134.430 ng
 RT: 20.018 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039948.D
 Acq: 18 May 2023 13:01

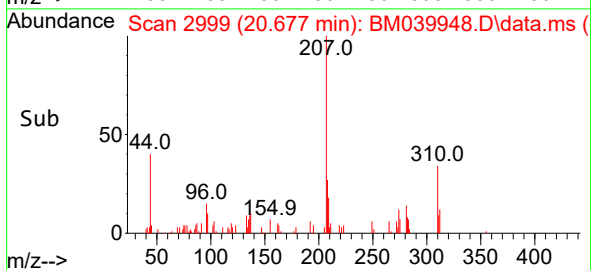
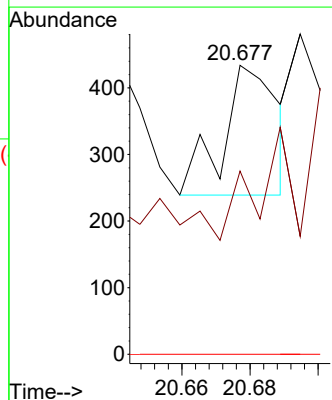
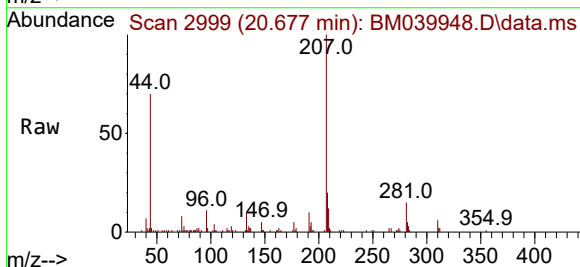
Instrument :
 BNA_M
 ClientSampleId :
 PB152844BL

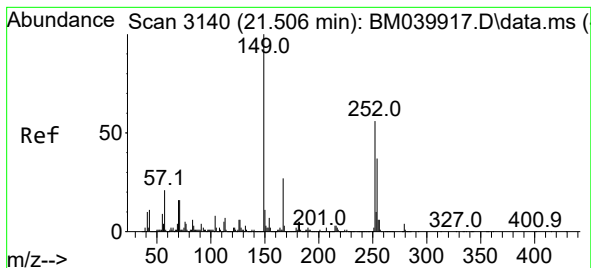
Tgt Ion:244 Resp:12460745
 Ion Ratio Lower Upper
 244 100
 212 10.7 8.5 12.7
 122 16.4 12.1 18.1



#80
 Butylbenzylphthalate
 Concen: 4.616 ng
 RT: 20.677 min Scan# 2999
 Delta R.T. -0.041 min
 Lab File: BM039948.D
 Acq: 18 May 2023 13:01

Tgt Ion:149 Resp: 219
 Ion Ratio Lower Upper
 149 100
 91 63.4 54.5 81.7
 206 0.0 14.9 22.3#

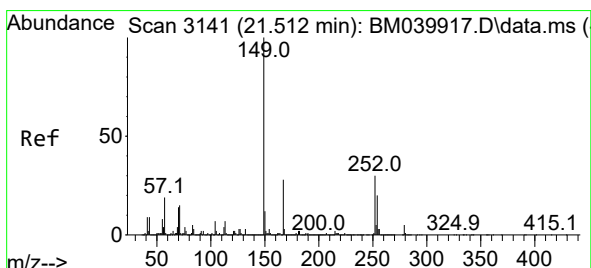
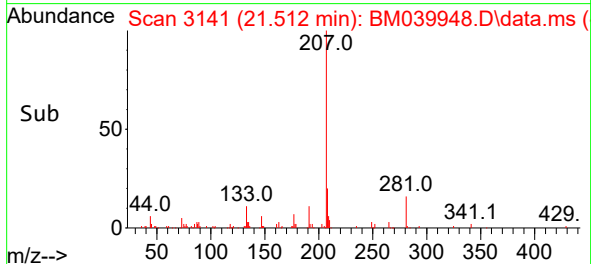
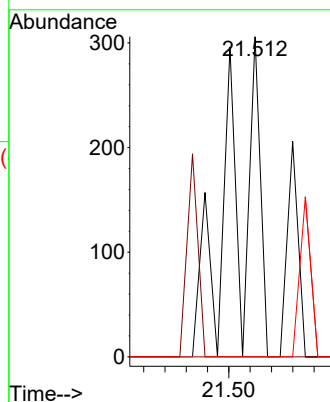
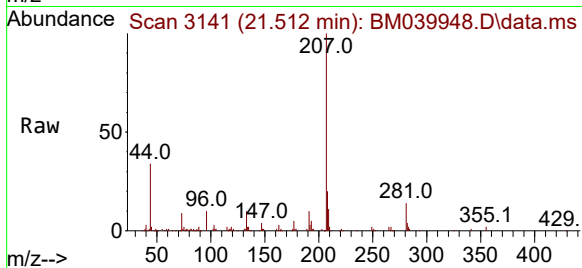




#82
 3,3'-Dichlorobenzidine
 Concen: 6.684 ng
 RT: 21.512 min Scan# 3140
 Delta R.T. 0.018 min
 Lab File: BM039948.D
 Acq: 18 May 2023 13:01

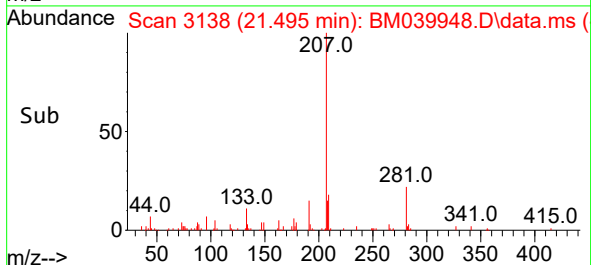
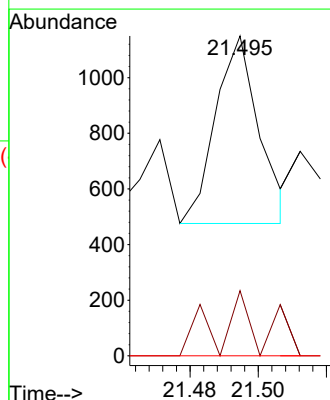
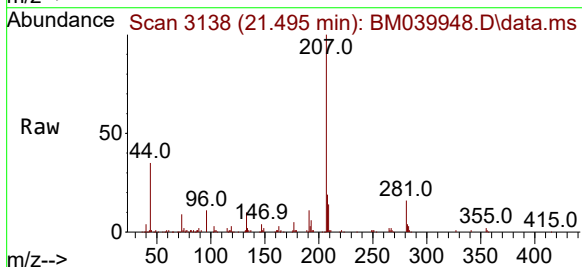
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 BNA_M
 ClientSampleId :
 PB152844BL

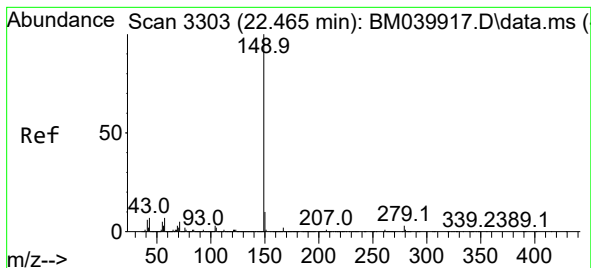
Tgt Ion:252 Resp: 268
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.3 78.5#
 126 0.0 8.3 12.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.839 ng
 RT: 21.495 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: BM039948.D
 Acq: 18 May 2023 13:01

Tgt Ion:149 Resp: 598
 Ion Ratio Lower Upper
 149 100
 167 20.3 22.3 33.5#
 279 0.0 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 7.710 ng

RT: 22.448 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039948.D

Acq: 18 May 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB152844BL

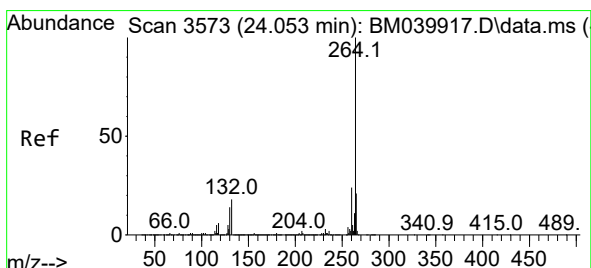
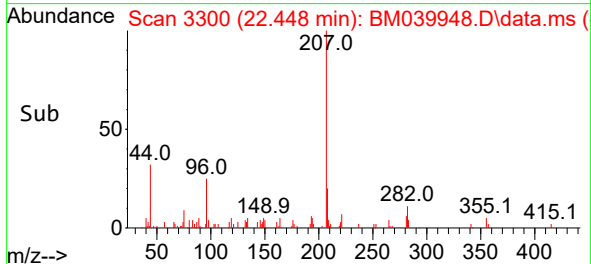
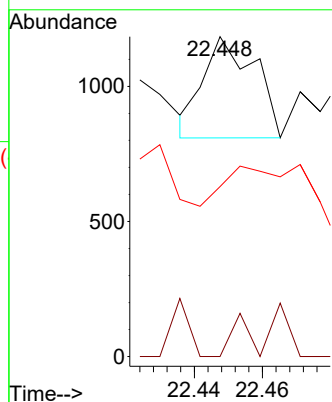
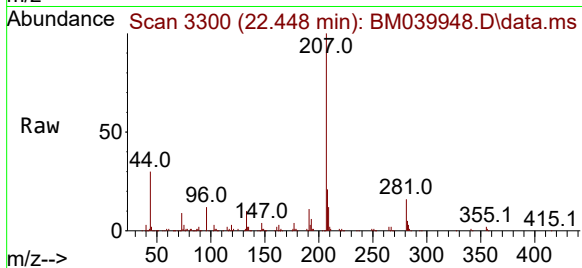
Tgt Ion:149 Resp: 391

Ion Ratio Lower Upper

149 100

167 14.3 1.2 1.8#

43 0.0 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.036 min Scan# 3570

Delta R.T. -0.006 min

Lab File: BM039948.D

Acq: 18 May 2023 13:01

Tgt Ion:264 Resp: 1973407

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 21.9 17.2 25.8

