

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039977.D
 Acq On : 24 May 2023 10:46
 Operator : CG/JU
 Sample : PB153000BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153000BL

Quant Time: May 24 13:17:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 01:06:13 2023
 Response via : Initial Calibration

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

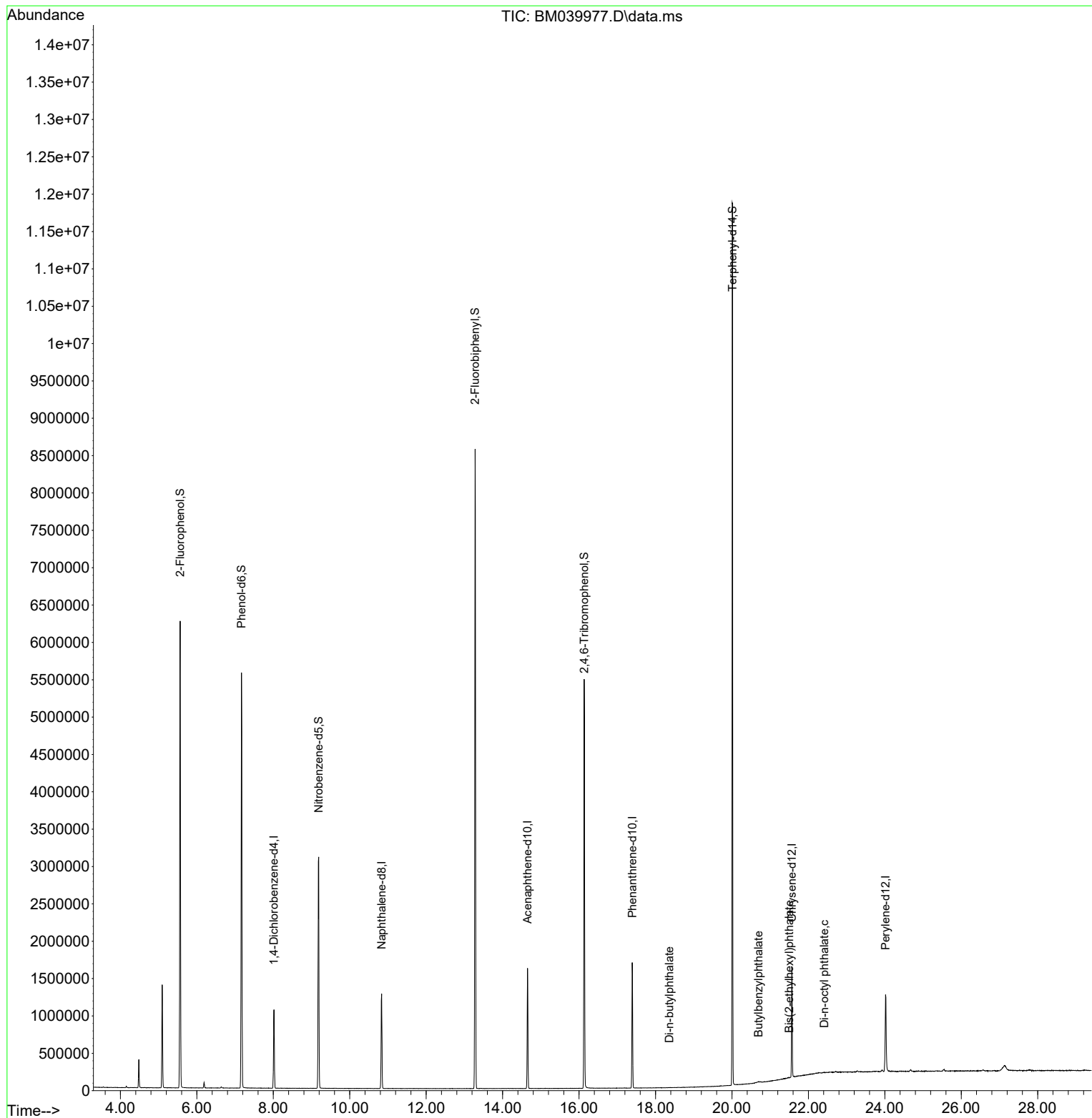
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	273488	20.000	ng	0.00
21) Naphthalene-d8	10.833	136	1034956	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	497825	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	910321	20.000	ng	0.00
76) Chrysene-d12	21.568	240	606391	20.000	ng	0.00
86) Perylene-d12	24.021	264	704867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	2706768	151.817	ng	0.00
7) Phenol-d6	7.169	99	3176343	136.572	ng	0.00
23) Nitrobenzene-d5	9.186	82	1732642	90.336	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	906733	140.331	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	4076870	96.592	ng	0.00
79) Terphenyl-d14	20.015	244	5389584	138.003	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.362	149	363	3.667	ng	# 78
80) Butylbenzylphthalate	20.697	149	325	4.848	ng	# 71
84) Bis(2-ethylhexyl)phtha...	21.497	149	317	3.612	ng	# 53
85) Di-n-octyl phthalate	22.415	149	110	6.615	ng	# 1

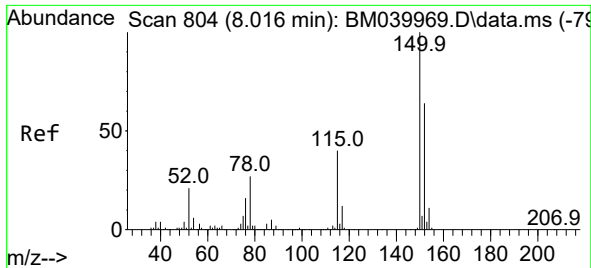
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 13:17:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

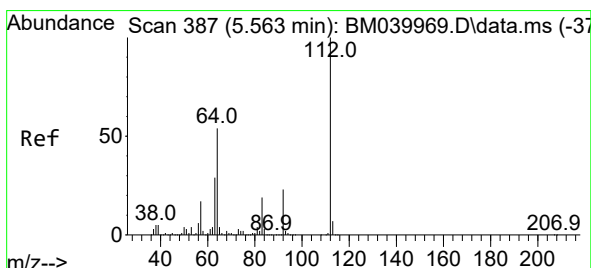
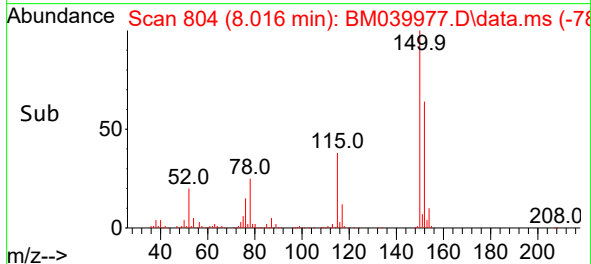
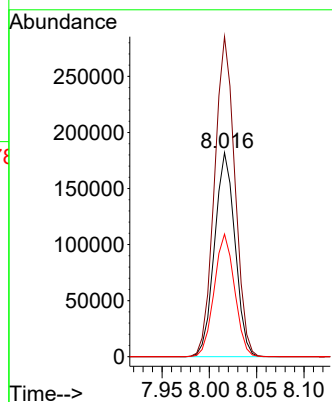
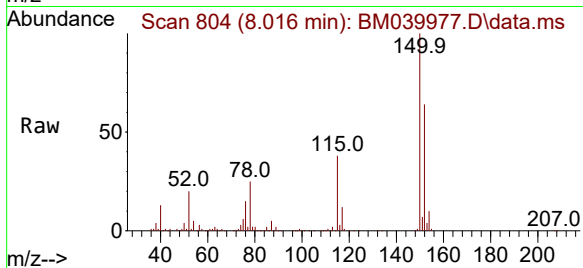




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BM039977.D
Acq: 24 May 2023 10:46

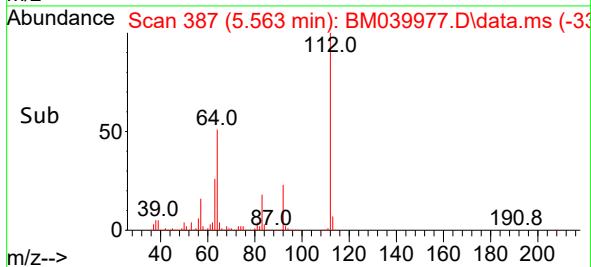
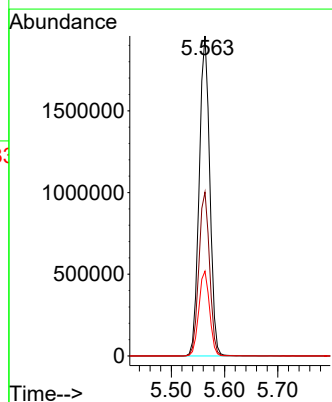
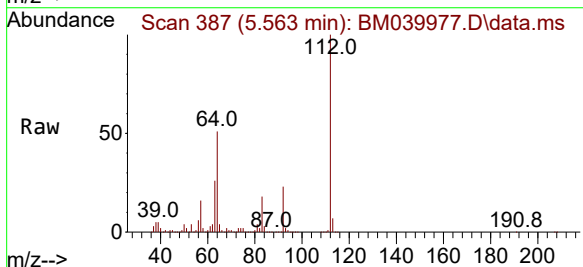
Instrument :
BNA_M
ClientSampleId :
PB153000BL

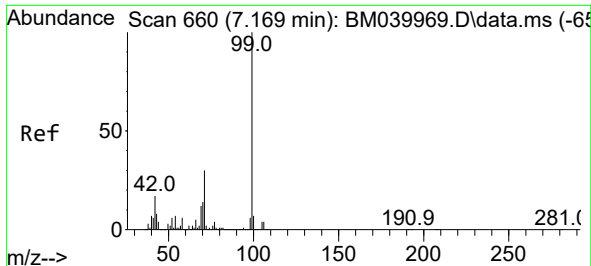
Tgt Ion:152 Resp: 273488
Ion Ratio Lower Upper
152 100
150 156.9 125.5 188.3
115 60.1 50.2 75.2



#5
2-Fluorophenol
Concen: 151.817 ng
RT: 5.563 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM039977.D
Acq: 24 May 2023 10:46

Tgt Ion:112 Resp: 2706768
Ion Ratio Lower Upper
112 100
64 51.2 43.0 64.4
63 26.5 22.9 34.3



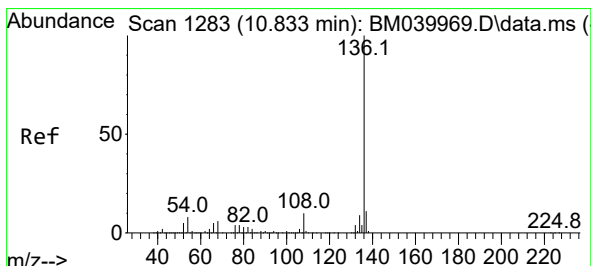
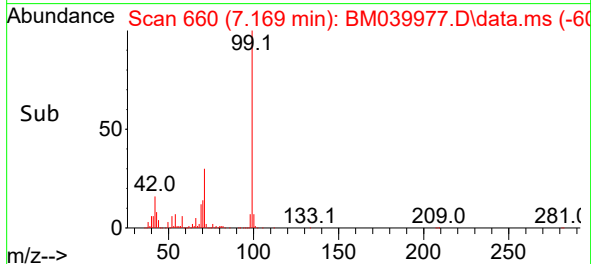
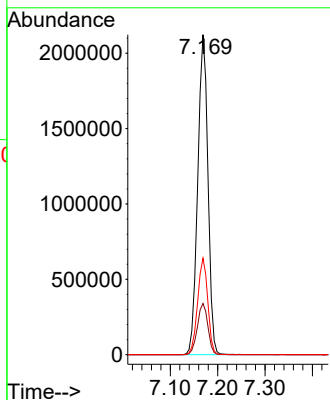
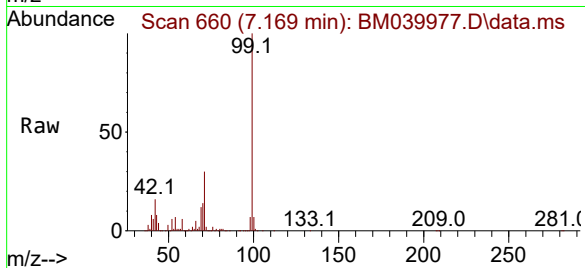


#7
Phenol-d6
Concen: 136.572 ng
RT: 7.169 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM039977.D
Acq: 24 May 2023 10:46

Instrument :
BNA_M
ClientSampleId :
PB153000BL

Tgt Ion: 99 Resp: 3176343

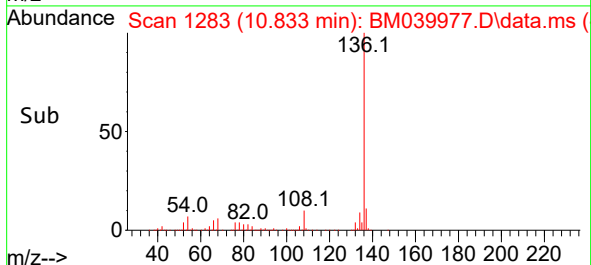
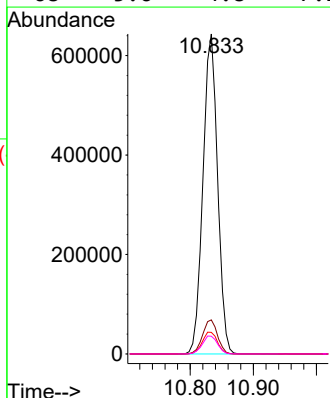
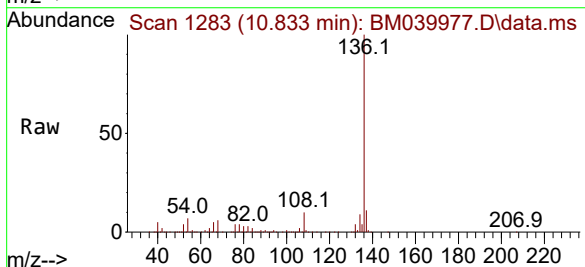
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.8	20.6
71	30.2	24.4	36.6

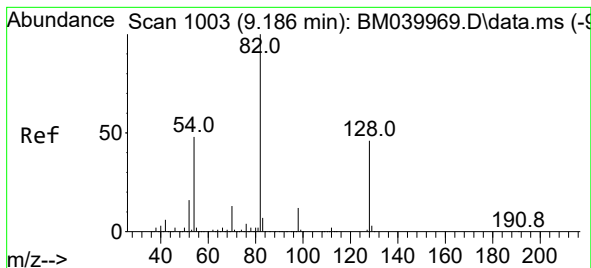


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM039977.D
Acq: 24 May 2023 10:46

Tgt Ion: 136 Resp: 1034956

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.7	6.1	9.1
68	5.6	4.8	7.2

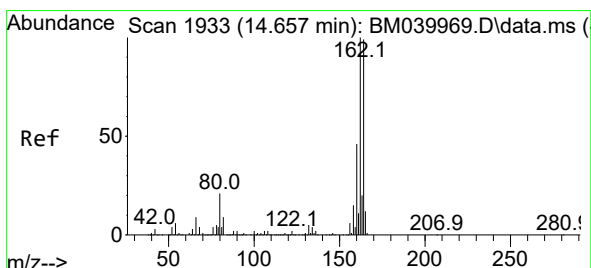
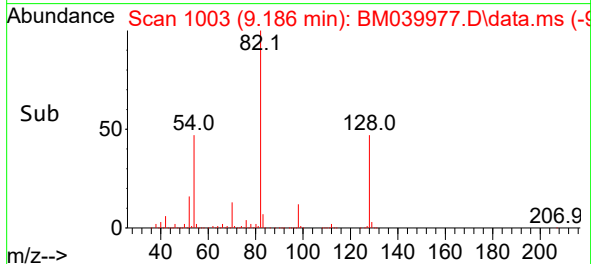
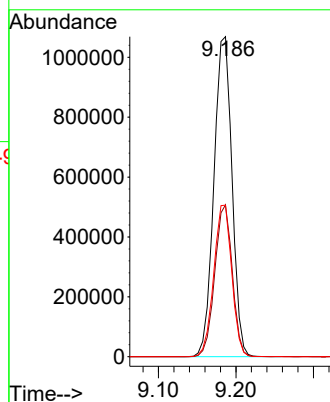
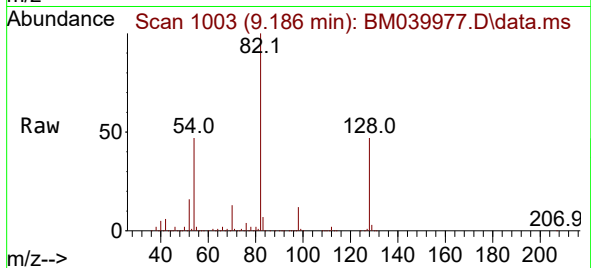




#23
Nitrobenzene-d5
Concen: 90.336 ng
RT: 9.186 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM039977.D
Acq: 24 May 2023 10:46

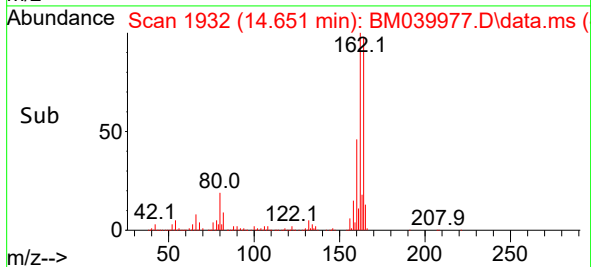
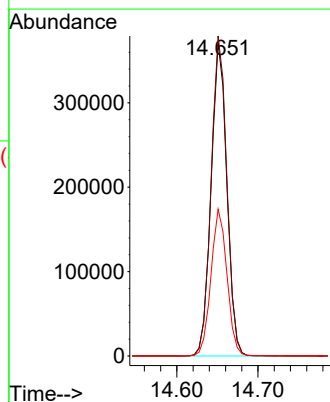
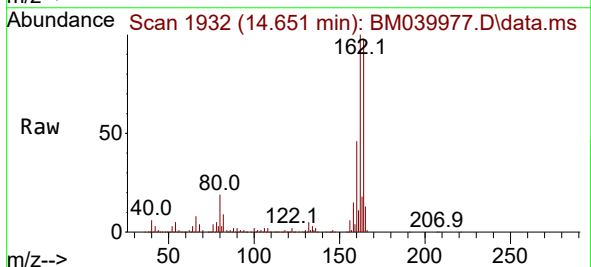
Instrument :
BNA_M
ClientSampleId :
PB153000BL

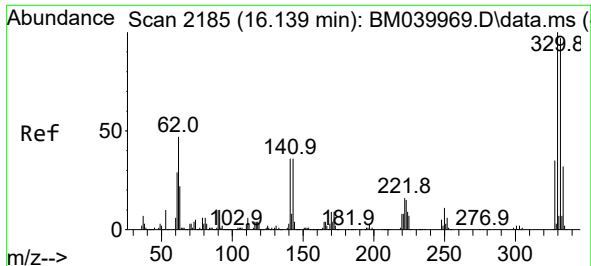
Tgt Ion: 82 Resp: 1732642
Ion Ratio Lower Upper
82 100
128 47.5 36.5 54.7
54 47.3 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM039977.D
Acq: 24 May 2023 10:46

Tgt Ion:164 Resp: 497825
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 46.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 140.331 ng

RT: 16.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039977.D

Acq: 24 May 2023 10:46

Instrument :

BNA_M

ClientSampleId :

PB153000BL

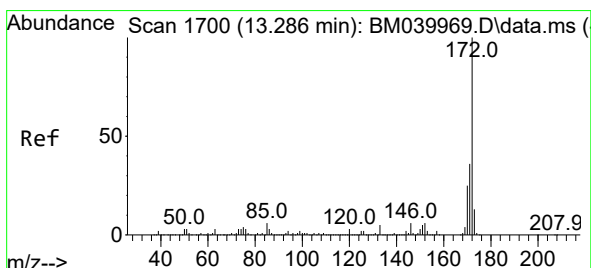
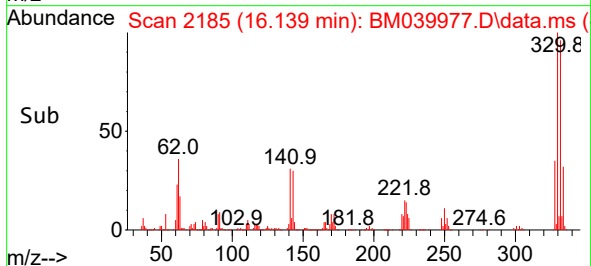
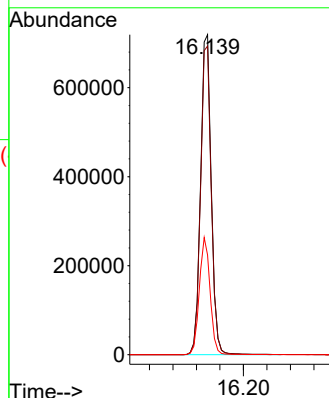
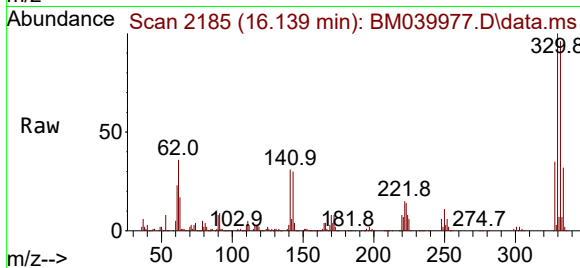
Tgt Ion:330 Resp: 906733

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

141 37.0 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 96.592 ng

RT: 13.280 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BM039977.D

Acq: 24 May 2023 10:46

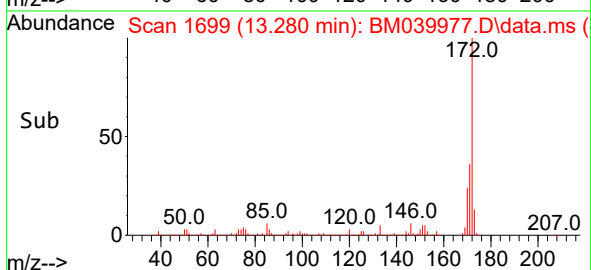
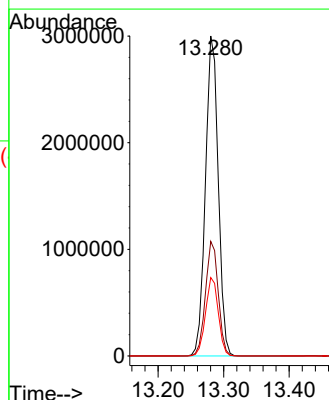
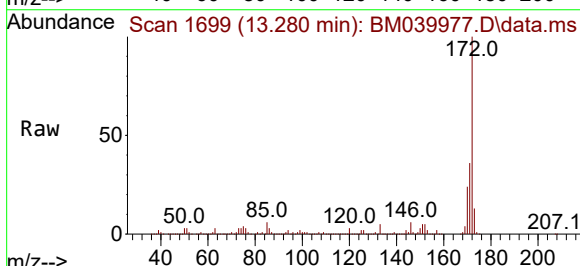
Tgt Ion:172 Resp: 4076870

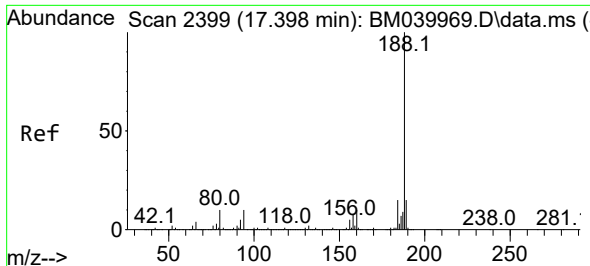
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.5 19.6 29.4

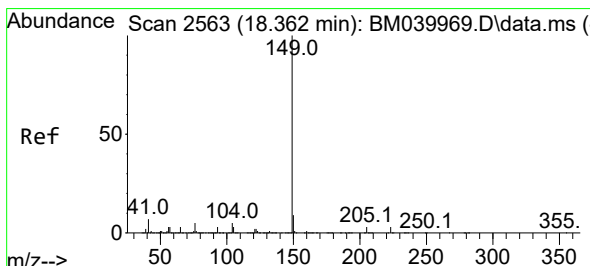
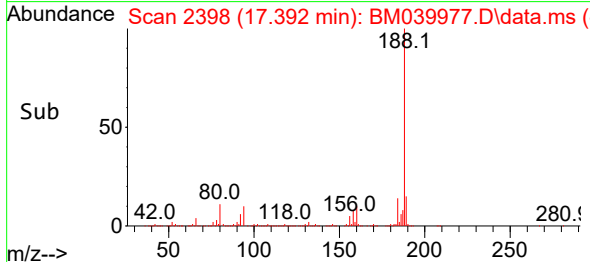
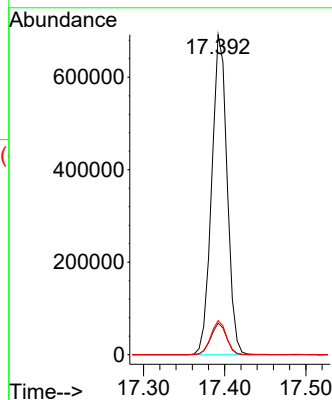
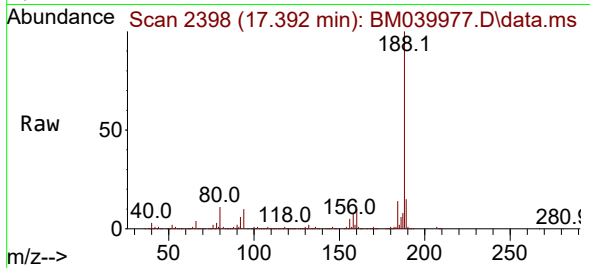




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039977.D
Acq: 24 May 2023 10:46

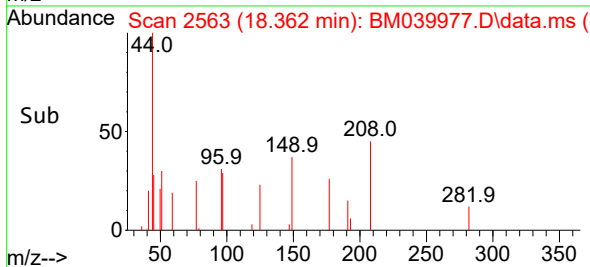
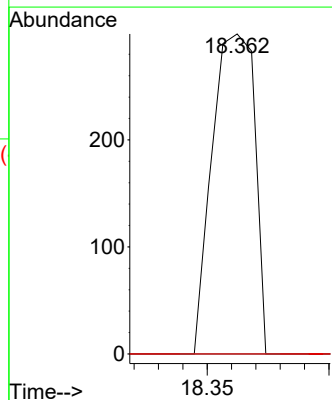
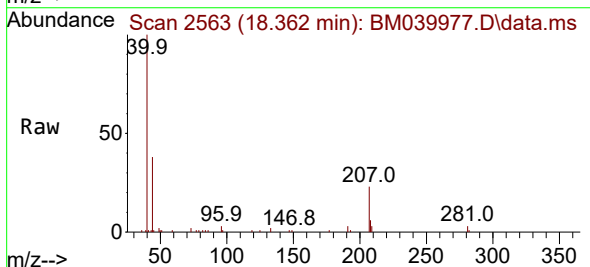
Instrument :
BNA_M
ClientSampleId :
PB153000BL

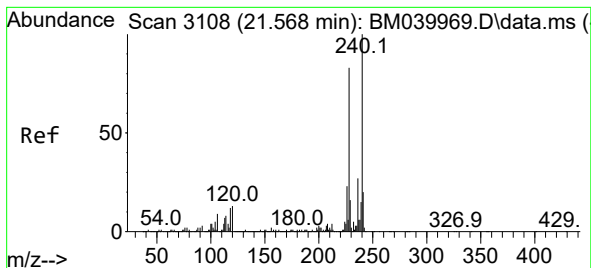
Tgt Ion:188 Resp: 910321
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.8
80 10.6 8.2 12.4



#74
Di-n-butylphthalate
Concen: 3.667 ng
RT: 18.362 min Scan# 2563
Delta R.T. 0.000 min
Lab File: BM039977.D
Acq: 24 May 2023 10:46

Tgt Ion:149 Resp: 363
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.2#
104 0.0 4.2 6.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM039977.D

Acq: 24 May 2023 10:46

Instrument :

BNA_M

ClientSampleId :

PB153000BL

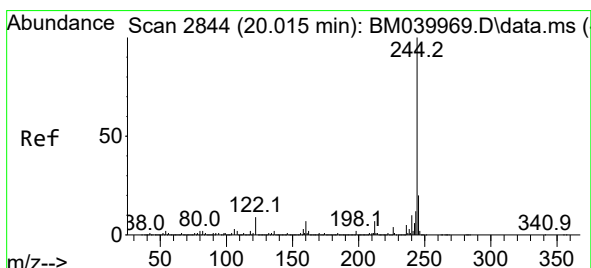
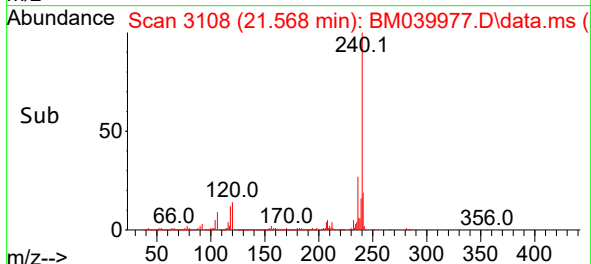
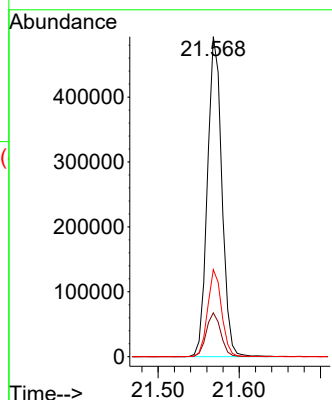
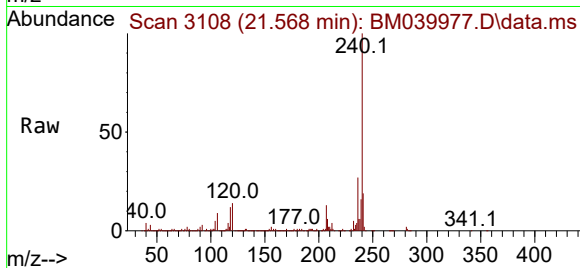
Tgt Ion:240 Resp: 606391

Ion Ratio Lower Upper

240 100

120 13.7 10.1 15.1

236 27.2 21.3 31.9



#79

Terphenyl-d14

Concen: 138.003 ng

RT: 20.015 min Scan# 2844

Delta R.T. 0.000 min

Lab File: BM039977.D

Acq: 24 May 2023 10:46

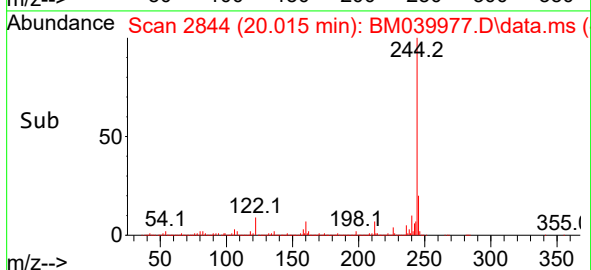
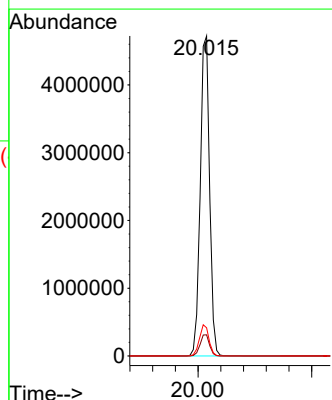
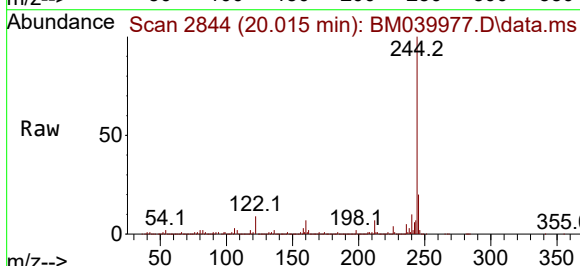
Tgt Ion:244 Resp: 5389584

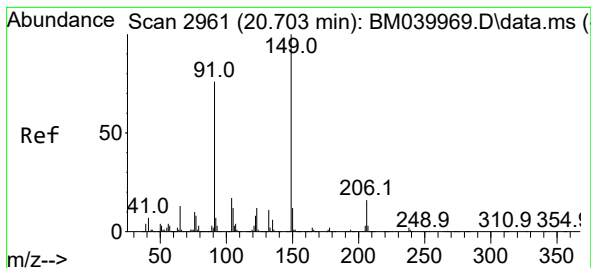
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 8.8 7.1 10.7





#80

Butylbenzylphthalate

Concen: 4.848 ng

RT: 20.697 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BM039977.D

Acq: 24 May 2023 10:46

Instrument :

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PB153000BL

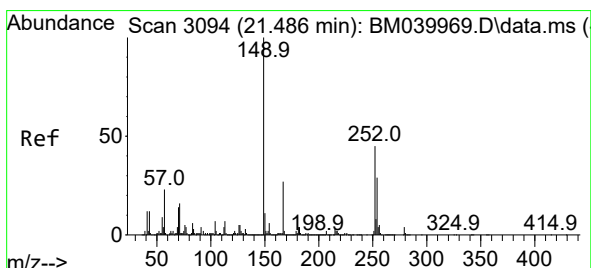
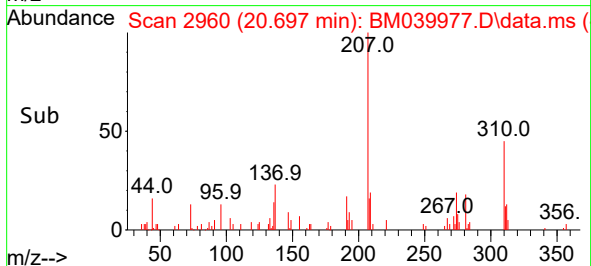
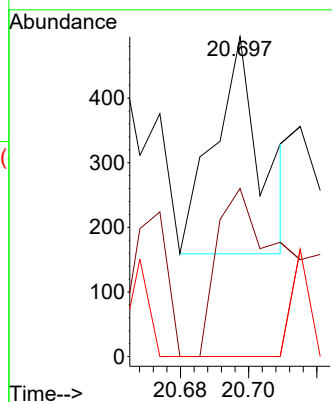
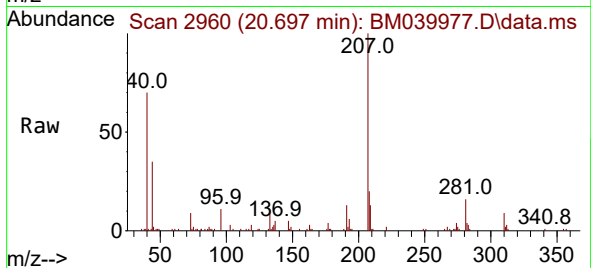
Tgt Ion:149 Resp: 325

Ion Ratio Lower Upper

149 100

91 52.5 61.0 91.4#

206 0.0 12.7 19.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.612 ng

RT: 21.497 min Scan# 3096

Delta R.T. 0.011 min

Lab File: BM039977.D

Acq: 24 May 2023 10:46

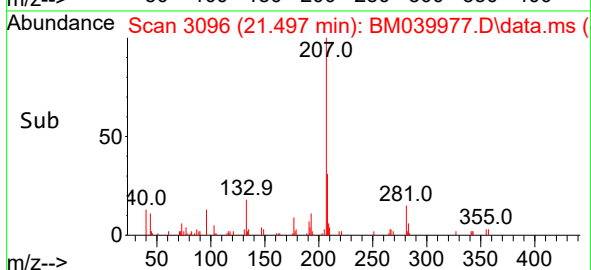
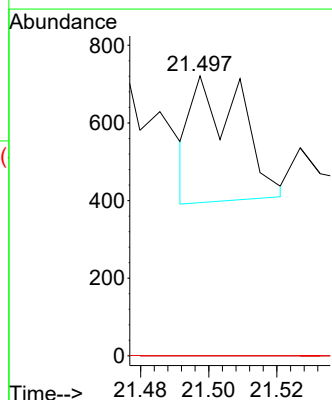
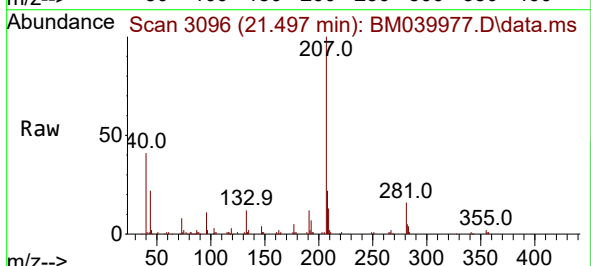
Tgt Ion:149 Resp: 317

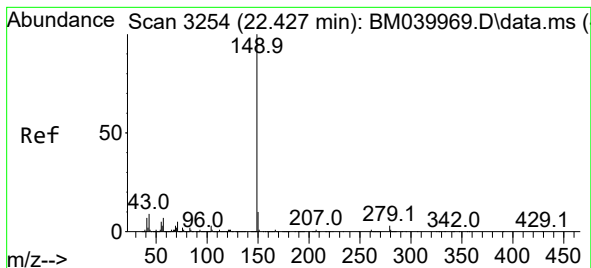
Ion Ratio Lower Upper

149 100

167 0.0 21.4 32.2#

279 0.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 6.615 ng

RT: 22.415 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM039977.D

Acq: 24 May 2023 10:46

Instrument :

BNA_M

ClientSampleId :

PB153000BL

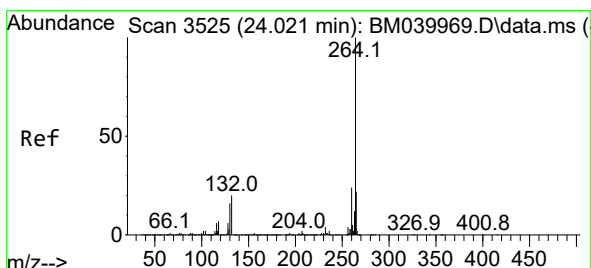
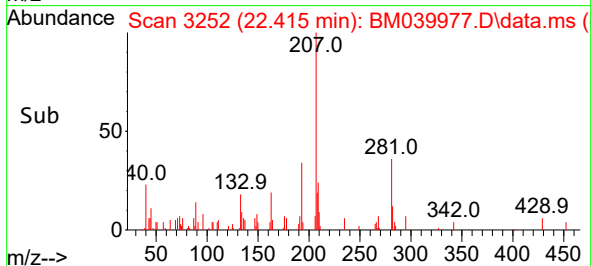
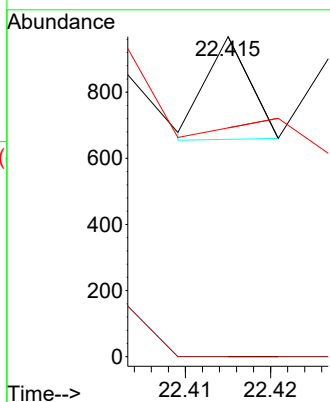
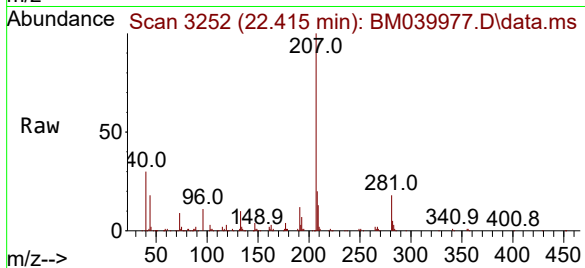
Tgt Ion:149 Resp: 110

Ion Ratio Lower Upper

149 100

167 49.1 1.1 1.7#

43 470.9 7.4 11.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.021 min Scan# 3525

Delta R.T. 0.000 min

Lab File: BM039977.D

Acq: 24 May 2023 10:46

Tgt Ion:264 Resp: 704867

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.0 17.7 26.5

