

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039989.D
 Acq On : 24 May 2023 18:12
 Operator : CG/JU
 Sample : 02812-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: May 25 04:29:33 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)

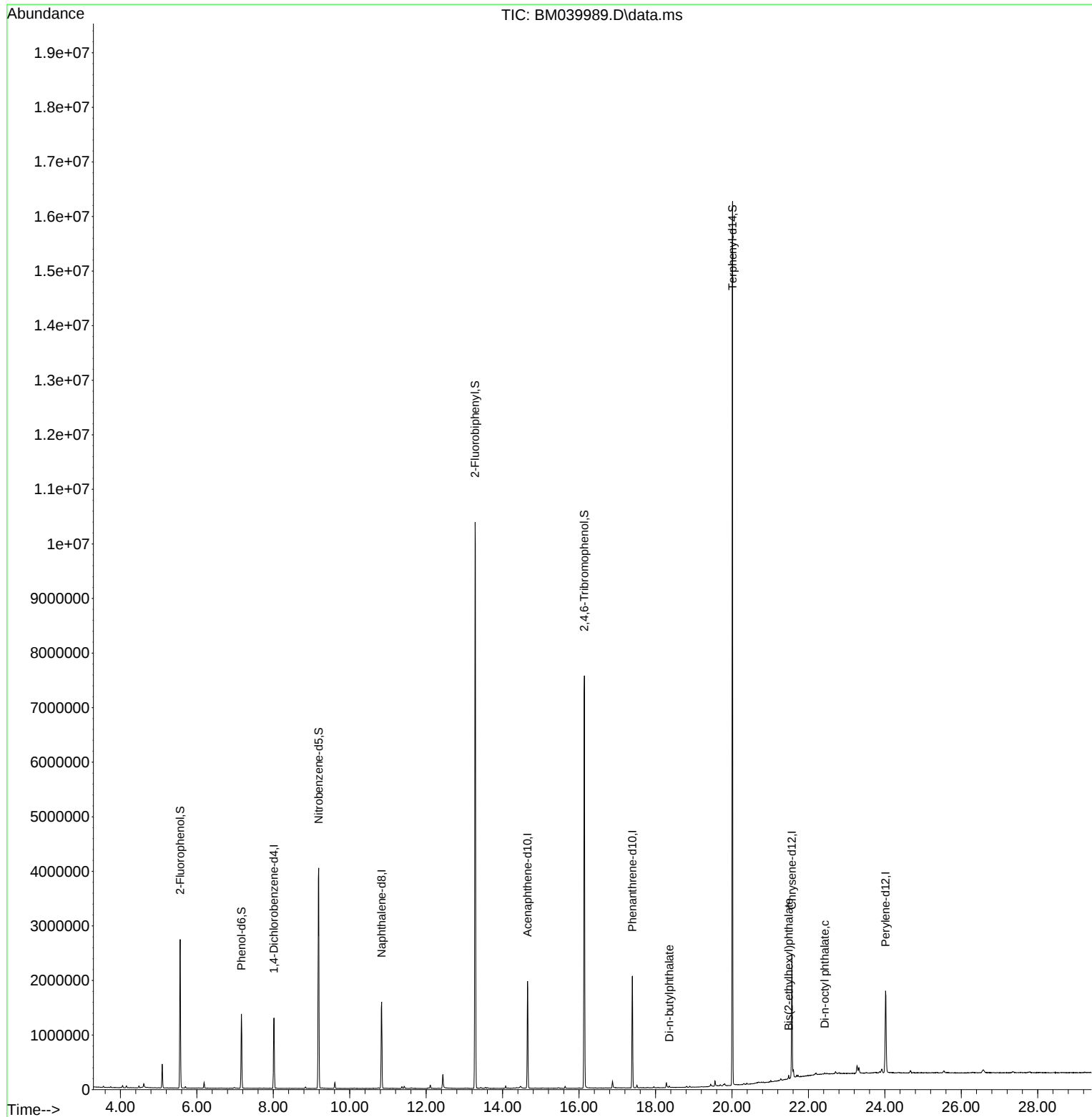
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	341480	20.000	ng	0.00
21) Naphthalene-d8	10.833	136	1318554	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	646307	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	1168783	20.000	ng	0.00
76) Chrysene-d12	21.568	240	941064	20.000	ng	0.00
86) Perylene-d12	24.021	264	1049377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1195230	53.690	ng	0.00
7) Phenol-d6	7.169	99	806964	27.788	ng	0.00
23) Nitrobenzene-d5	9.186	82	2276640	93.168	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	1406584	167.679	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	5221429	95.289	ng	0.00
79) Terphenyl-d14	20.015	244	7358710	121.414	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.362	149	16343	3.850	ng	# 98
84) Bis(2-ethylhexyl)phtha...	21.486	149	25257	4.118	ng	# 99
85) Di-n-octyl phthalate	22.427	149	19593	6.856	ng	# 84

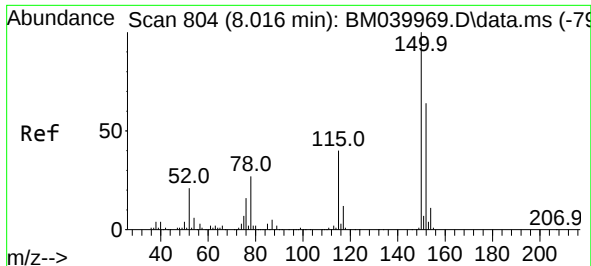
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 25 04:29:33 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

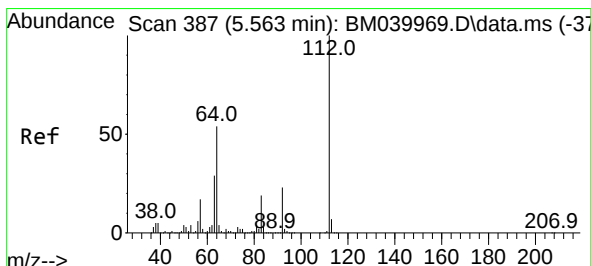
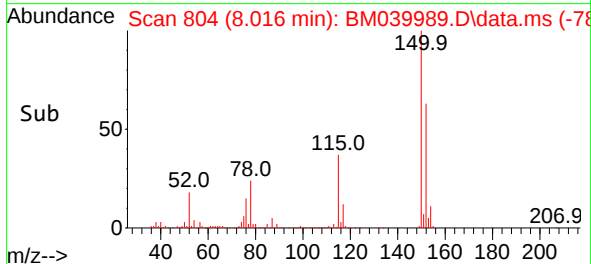
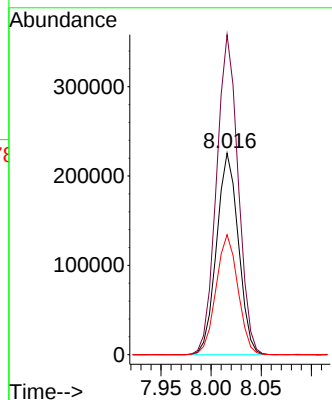
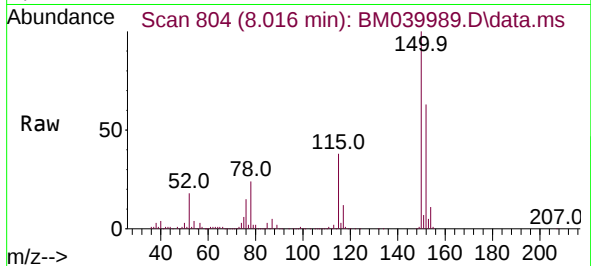




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

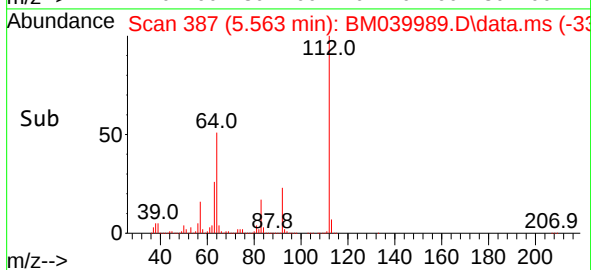
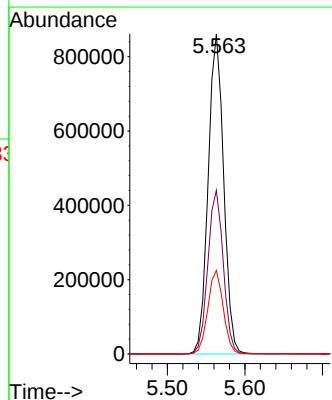
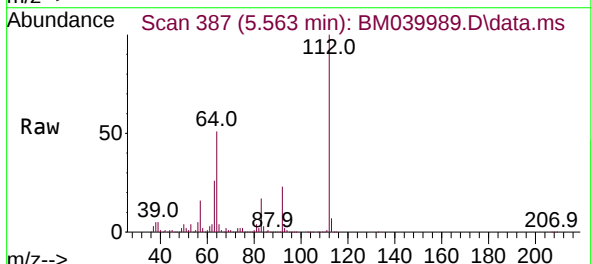
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BNA_M
ClientSampleId :
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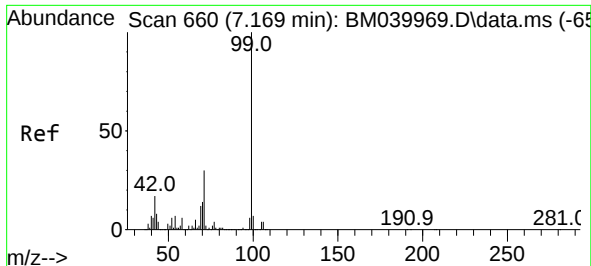
Tgt Ion:152 Resp: 341480
Ion Ratio Lower Upper
152 100
150 158.7 125.5 188.3
115 59.5 50.2 75.2



#5
2-Fluorophenol
Concen: 53.690 ng
RT: 5.563 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

Tgt Ion:112 Resp: 1195230
Ion Ratio Lower Upper
112 100
64 51.2 43.0 64.4
63 26.1 22.9 34.3

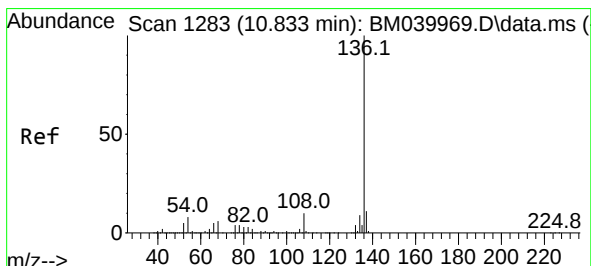
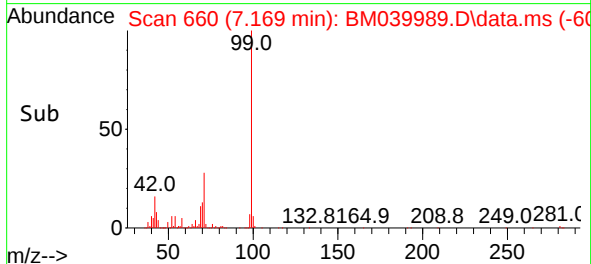
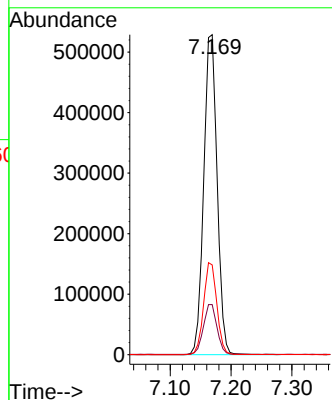
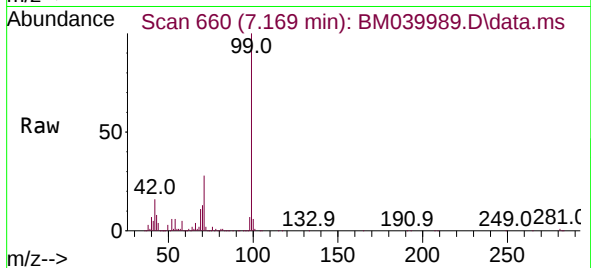




#7
Phenol-d6
Concen: 27.788 ng
RT: 7.169 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

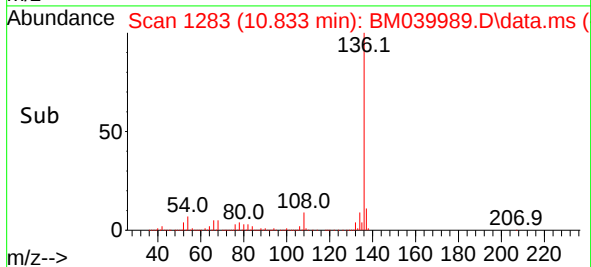
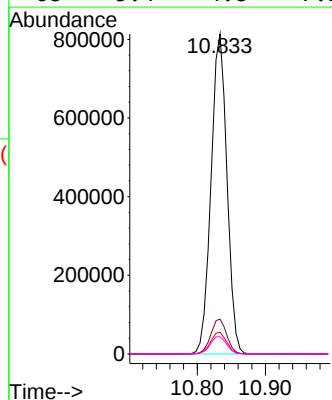
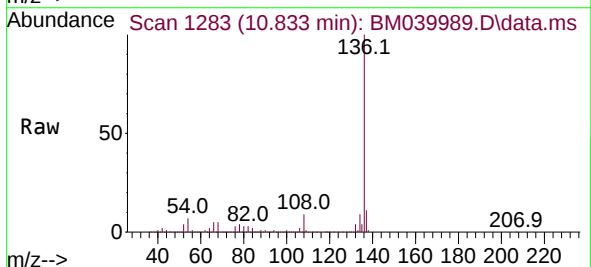
Instrument :
BNA_M
ClientSampleId :
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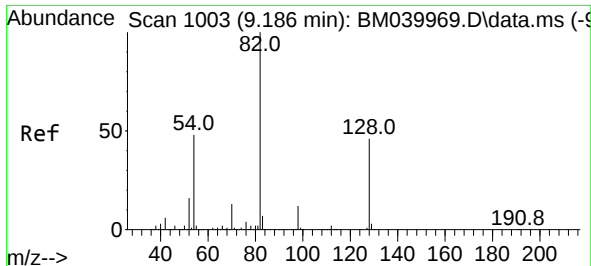
Tgt Ion: 99 Resp: 806964
Ion Ratio Lower Upper
99 100
42 15.7 13.8 20.6
71 28.1 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

Tgt Ion: 136 Resp: 1318554
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.7 6.1 9.1
68 5.4 4.8 7.2

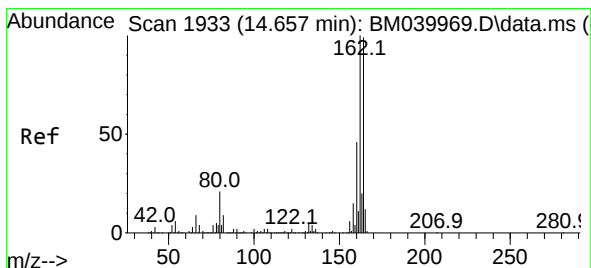
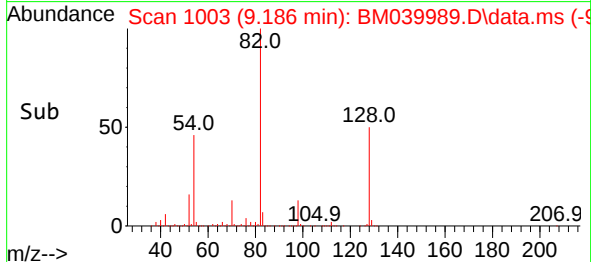
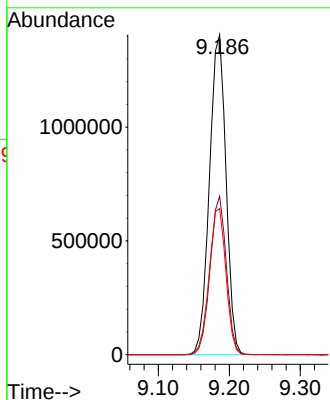
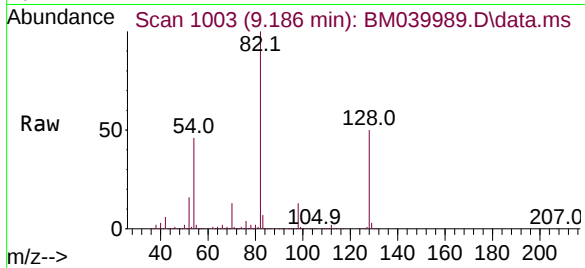




#23
Nitrobenzene-d5
Concen: 93.168 ng
RT: 9.186 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

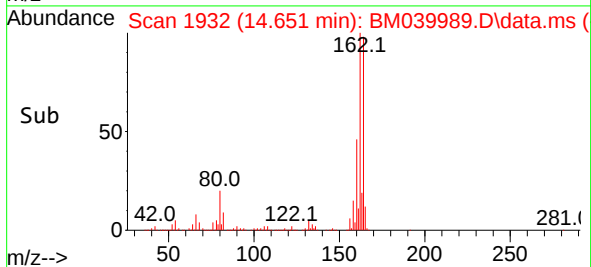
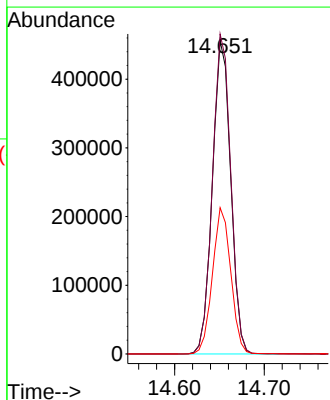
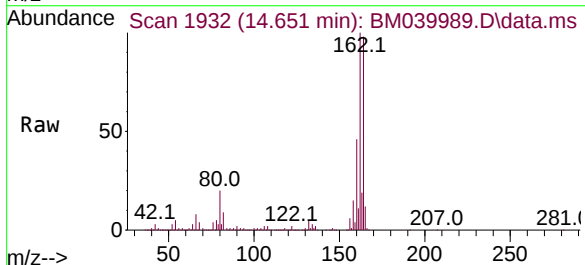
Instrument :
BNA_M
ClientSampleId :
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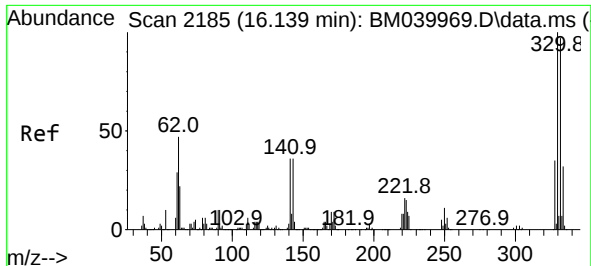
Tgt Ion: 82 Resp: 2276640
Ion Ratio Lower Upper
82 100
128 49.5 36.5 54.7
54 45.7 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

Tgt Ion:164 Resp: 646307
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 46.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 167.679 ng

RT: 16.139 min Scan# 2185

Delta R.T. -0.000 min

Lab File: BM039989.D

Acq: 24 May 2023 18:12

Instrument :

BNA_M

ClientSampleId :

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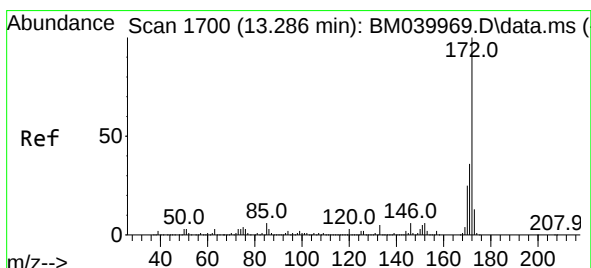
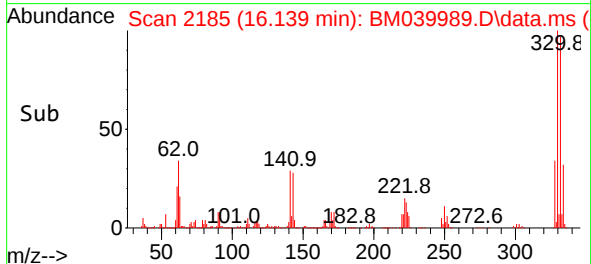
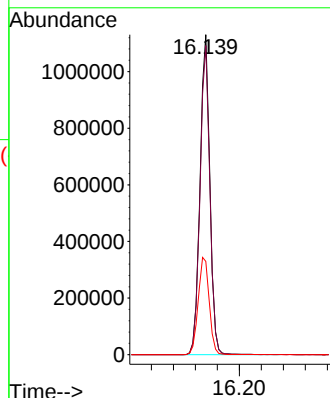
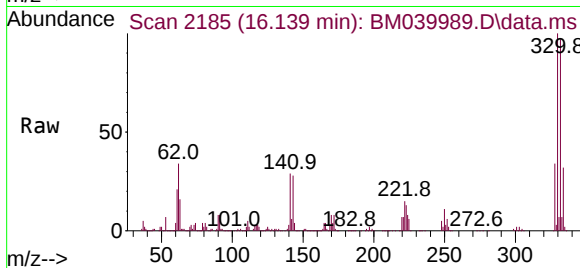
Tgt Ion:330 Resp: 1406584

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

141 34.1 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 95.289 ng

RT: 13.280 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BM039989.D

Acq: 24 May 2023 18:12

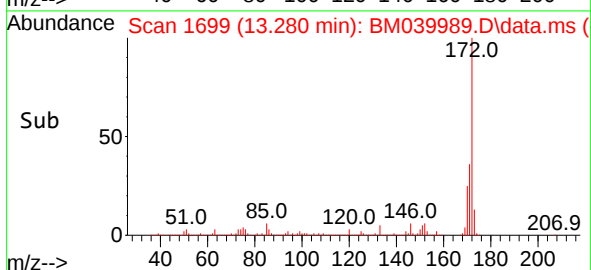
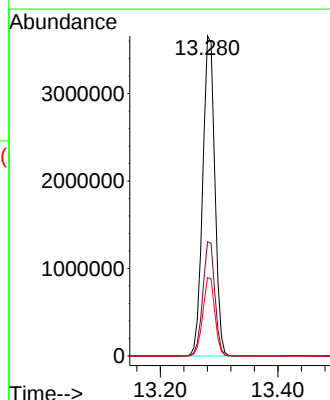
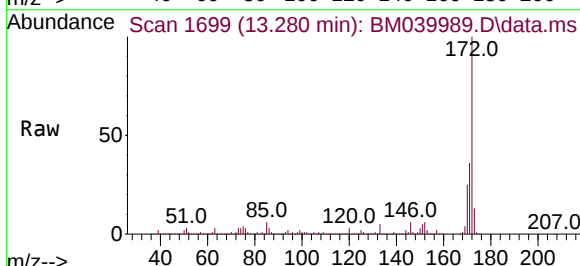
Tgt Ion:172 Resp: 5221429

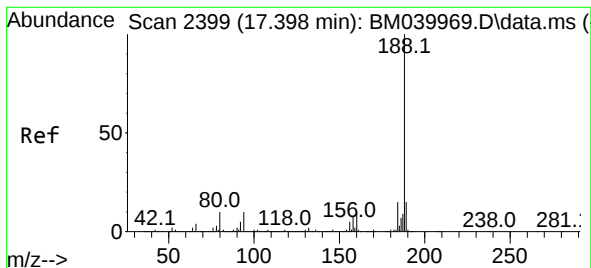
Ion Ratio Lower Upper

172 100

171 35.7 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: BM039989.D

Acq: 24 May 2023 18:12

Instrument :

BNA_M

ClientSampleId :

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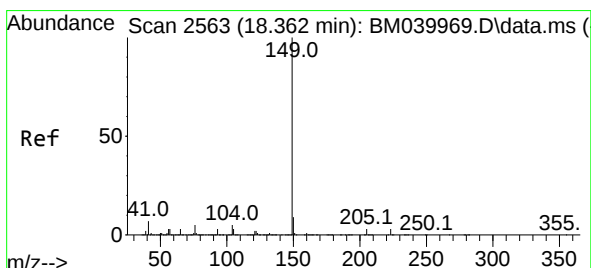
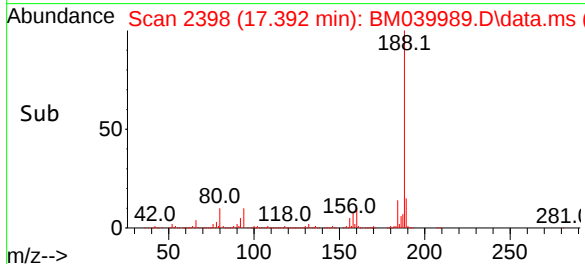
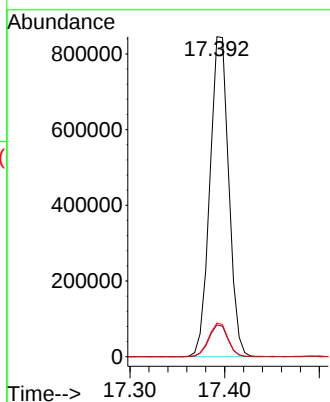
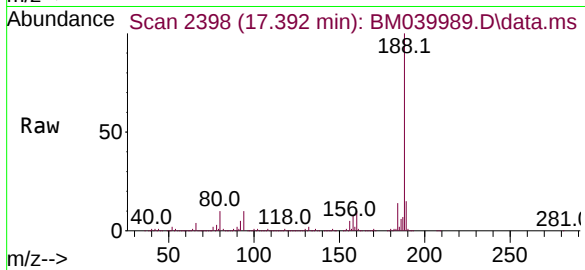
Tgt Ion:188 Resp: 1168783

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.8

80 10.5 8.2 12.4



#74

Di-n-butylphthalate

Concen: 3.850 ng

RT: 18.362 min Scan# 2563

Delta R.T. 0.000 min

Lab File: BM039989.D

Acq: 24 May 2023 18:12

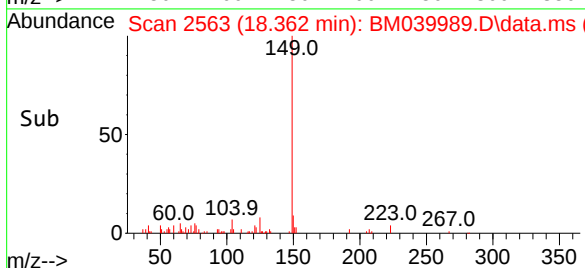
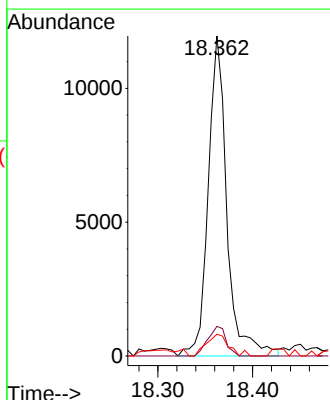
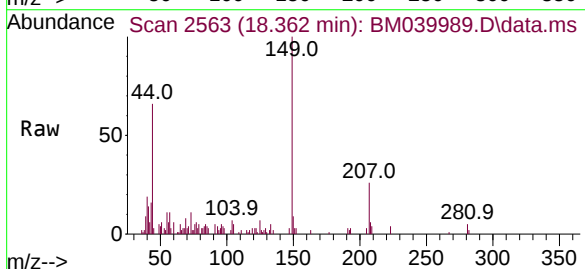
Tgt Ion:149 Resp: 16343

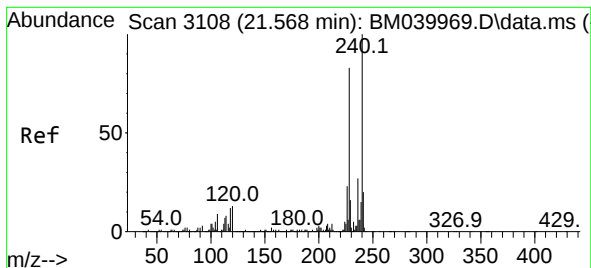
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 6.8 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: BM039989.D

Acq: 24 May 2023 18:12

Instrument :

BNA_M

ClientSampleId :

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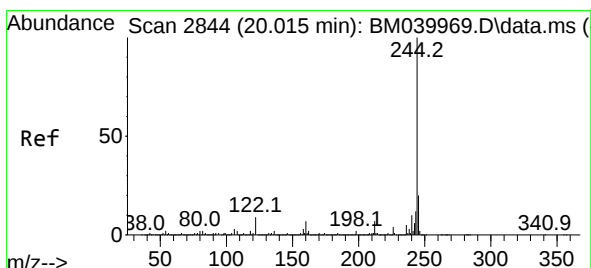
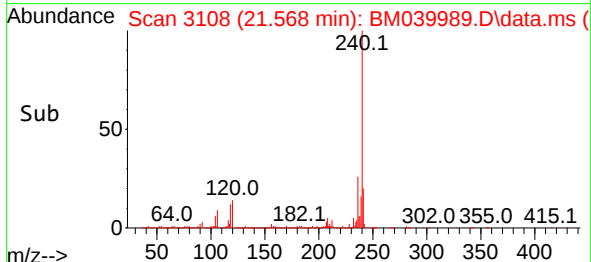
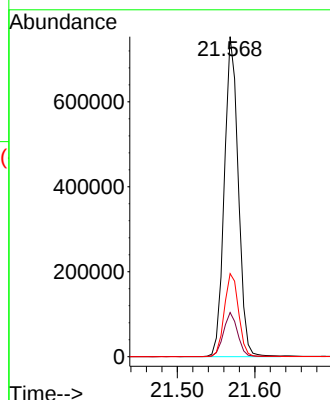
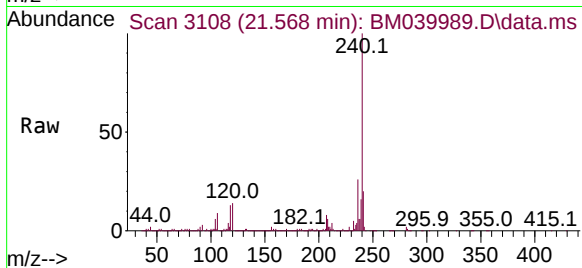
Tgt Ion:240 Resp: 941064

Ion Ratio Lower Upper

240 100

120 13.8 10.1 15.1

236 25.9 21.3 31.9



#79

Terphenyl-d14

Concen: 121.414 ng

RT: 20.015 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BM039989.D

Acq: 24 May 2023 18:12

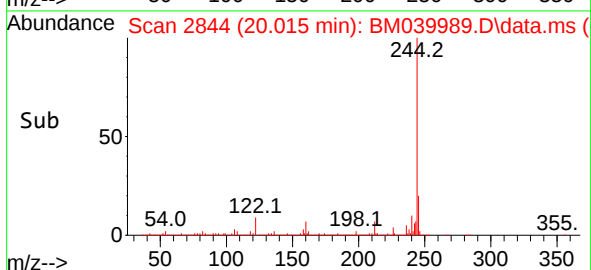
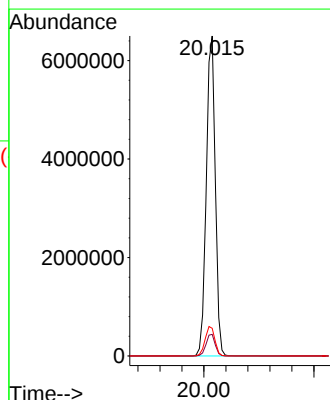
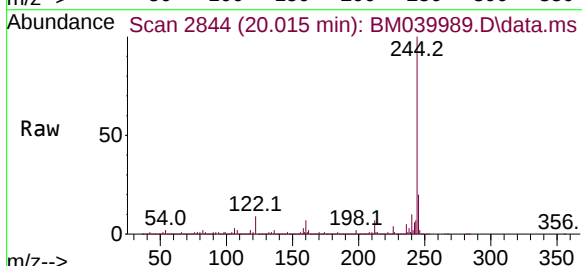
Tgt Ion:244 Resp: 7358710

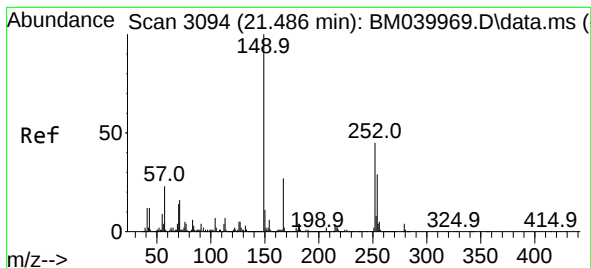
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 8.7 7.1 10.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.118 ng

RT: 21.486 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM039989.D

Acq: 24 May 2023 18:12

Instrument :

BNA_M

ClientSampleId :

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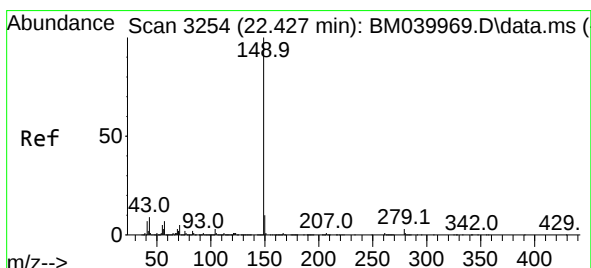
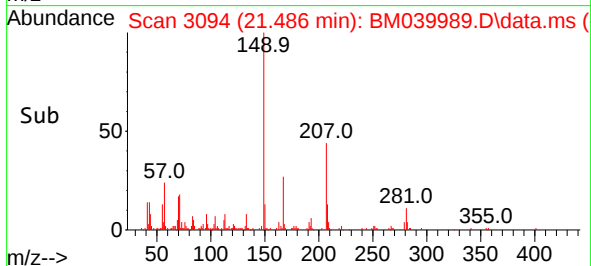
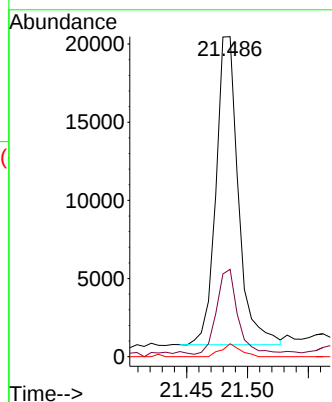
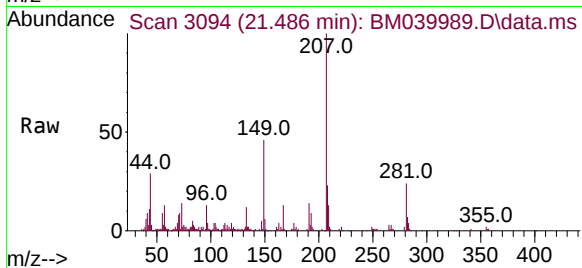
Tgt Ion:149 Resp: 25257

Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.2

279 4.0 3.3 4.9



#85

Di-n-octyl phthalate

Concen: 6.856 ng

RT: 22.427 min Scan# 3254

Delta R.T. -0.000 min

Lab File: BM039989.D

Acq: 24 May 2023 18:12

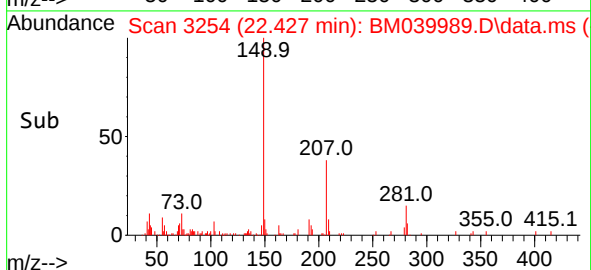
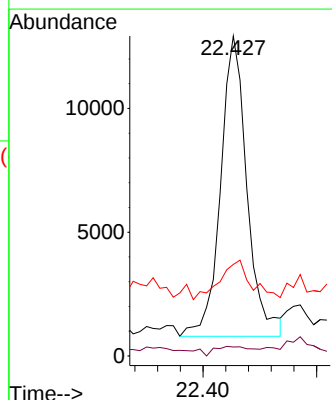
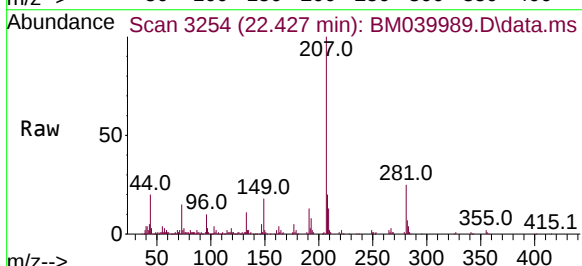
Tgt Ion:149 Resp: 19593

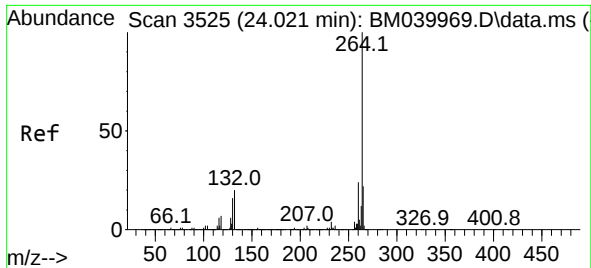
Ion Ratio Lower Upper

149 100

167 4.7 1.1 1.7#

43 15.5 7.4 11.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.021 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:264 Resp: 1049377

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.7	26.5

