

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039983.D
 Acq On : 24 May 2023 14:33
 Operator : CG/JU
 Sample : 02868-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP13

Quant Time: May 24 15:14:02 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)

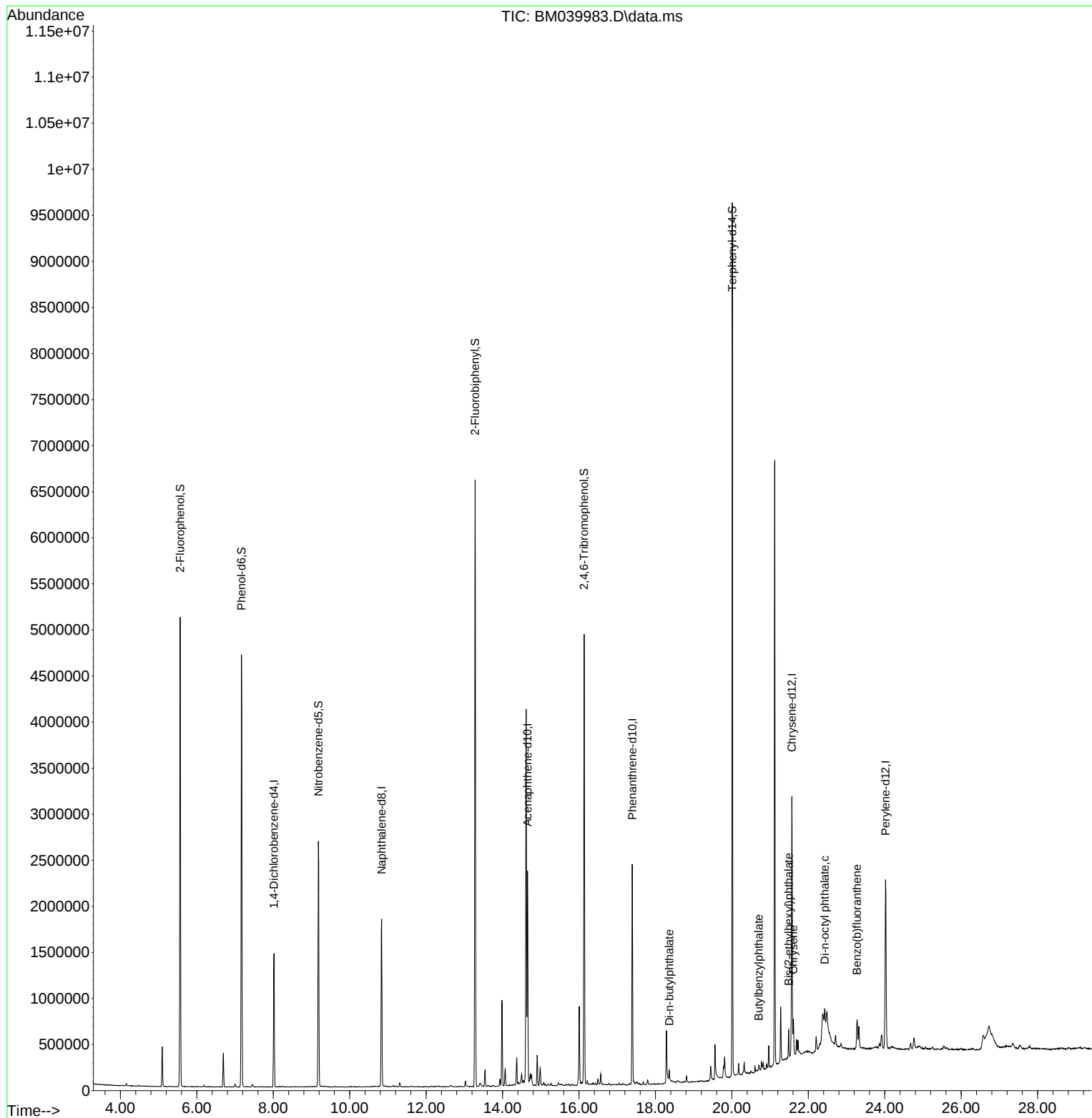
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	391697	20.000	ng	0.00
21) Naphthalene-d8	10.834	136	1521493	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	770948	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	1342411	20.000	ng	0.00
76) Chrysene-d12	21.568	240	1185100	20.000	ng	0.00
86) Perylene-d12	24.021	264	1276425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	2287695	89.589	ng	0.00
7) Phenol-d6	7.169	99	2758472	82.811	ng	0.00
23) Nitrobenzene-d5	9.181	82	1475666	52.335	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	859094	85.855	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	3246493	49.669	ng	0.00
79) Terphenyl-d14	20.009	244	4135646	54.185	ng	0.00
Target Compounds						
						Qvalue
74) Di-n-butylphthalate	18.362	149	92434	4.591	ng	98
80) Butylbenzylphthalate	20.703	149	22112	5.388	ng	94
83) Chrysene	21.609	228	212213	2.636	ng	98
84) Bis(2-ethylhexyl)phtha...	21.486	149	126282	5.652	ng	99
85) Di-n-octyl phthalate	22.427	149	136721	7.960	ng	# 78
88) Benzo(b)fluoranthene	23.274	252	171316	2.096	ng	# 97

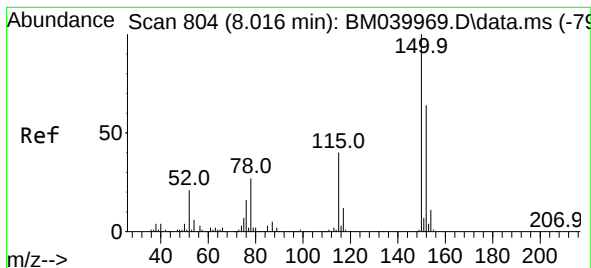
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 15:14:02 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: BM039983.D

Acq: 24 May 2023 14:33

Instrument :

BNA_M

ClientSampleId :

TP13

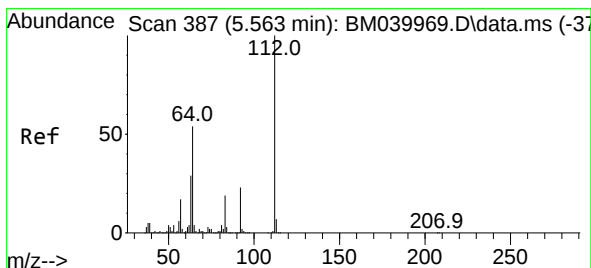
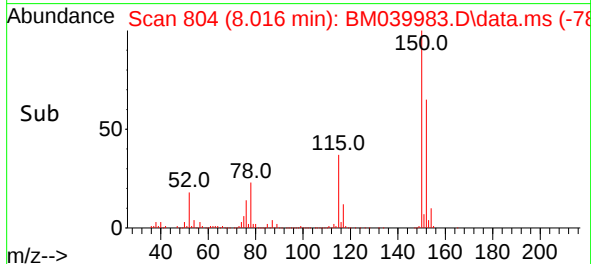
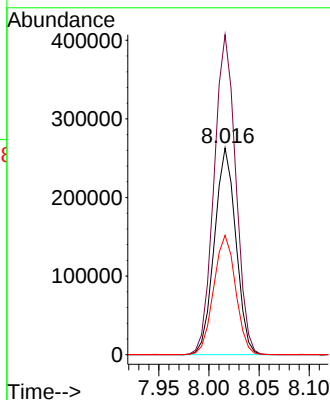
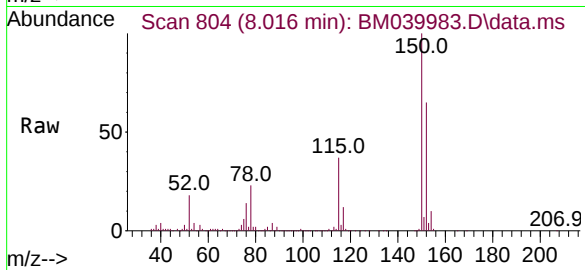
Tgt Ion:152 Resp: 391697

Ion Ratio Lower Upper

152 100

150 154.8 125.5 188.3

115 57.7 50.2 75.2



#5

2-Fluorophenol

Concen: 89.589 ng

RT: 5.563 min Scan# 387

Delta R.T. 0.000 min

Lab File: BM039983.D

Acq: 24 May 2023 14:33

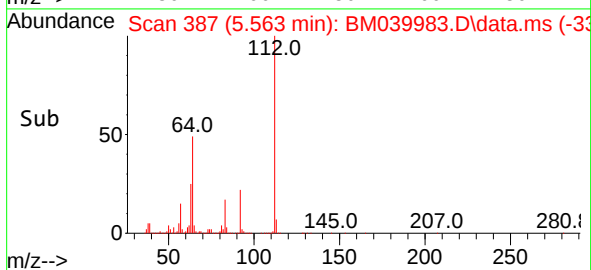
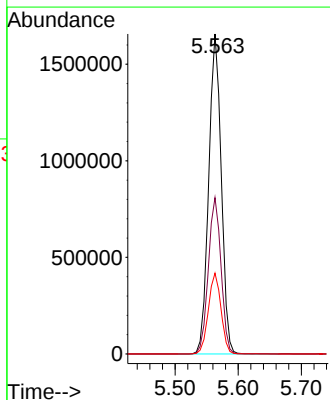
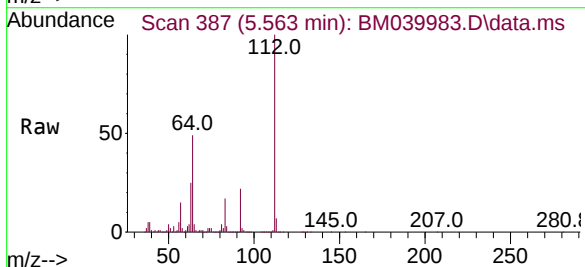
Tgt Ion:112 Resp: 2287695

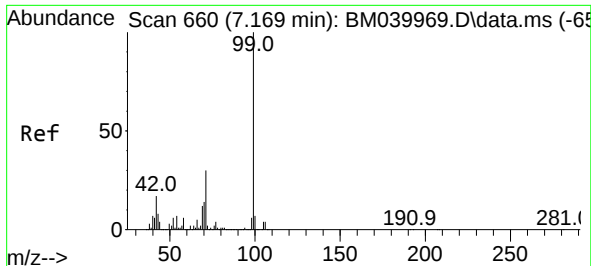
Ion Ratio Lower Upper

112 100

64 48.9 43.0 64.4

63 25.3 22.9 34.3



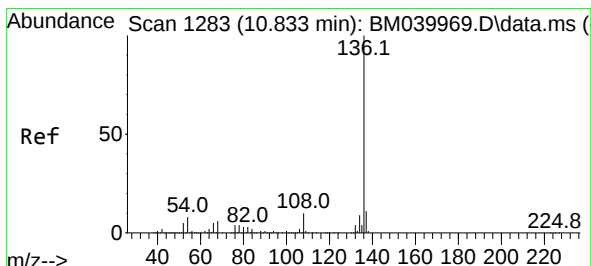
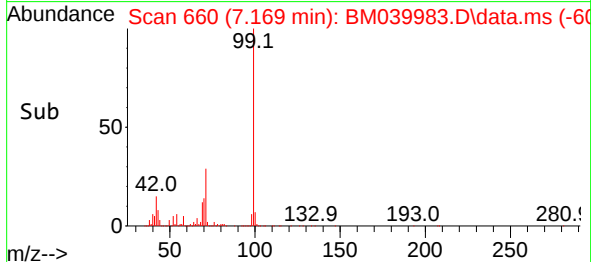
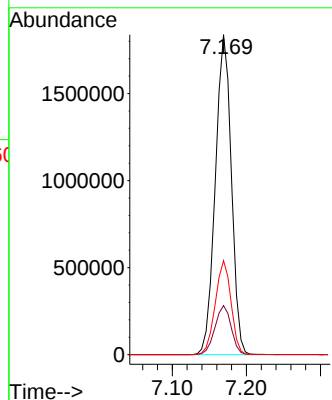
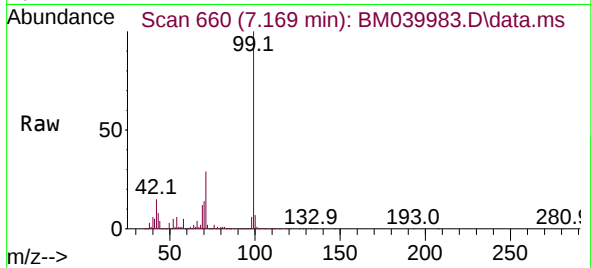


#7
Phenol-d6
Concen: 82.811 ng
RT: 7.169 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM039983.D
Acq: 24 May 2023 14:33

Instrument :
BNA_M
ClientSampleId :
TP13

Tgt Ion: 99 Resp: 2758472

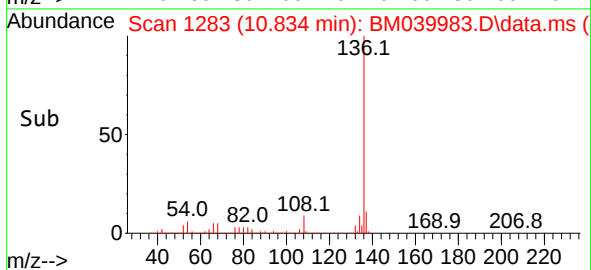
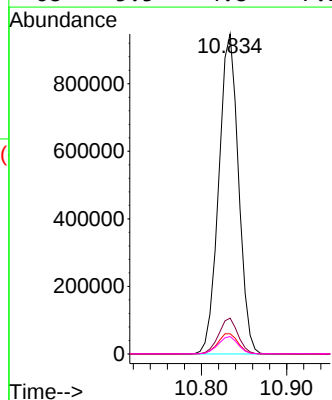
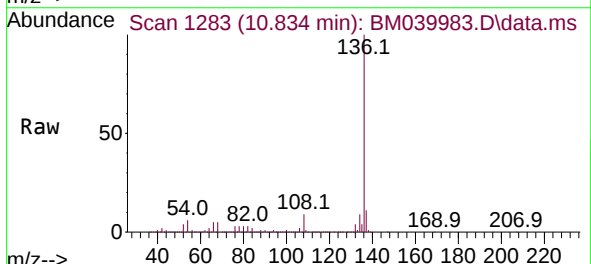
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.8	20.6
71	29.4	24.4	36.6

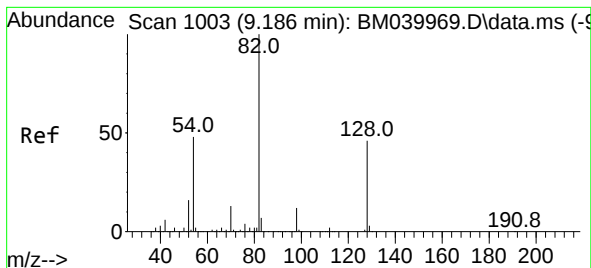


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.834 min Scan# 1283
Delta R.T. 0.001 min
Lab File: BM039983.D
Acq: 24 May 2023 14:33

Tgt Ion: 136 Resp: 1521493

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.3	6.1	9.1
68	5.5	4.8	7.2





#23

Nitrobenzene-d5

Concen: 52.335 ng

RT: 9.181 min Scan# 1003

Delta R.T. -0.005 min

Lab File: BM039983.D

Acq: 24 May 2023 14:33

Instrument :

BNA_M

ClientSampleId :

TP13

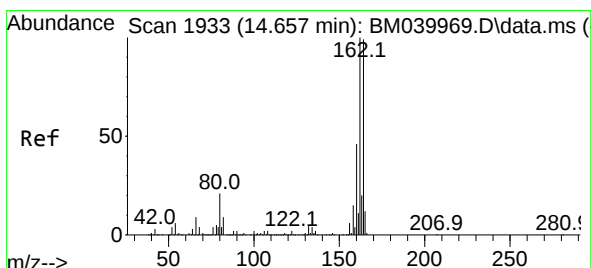
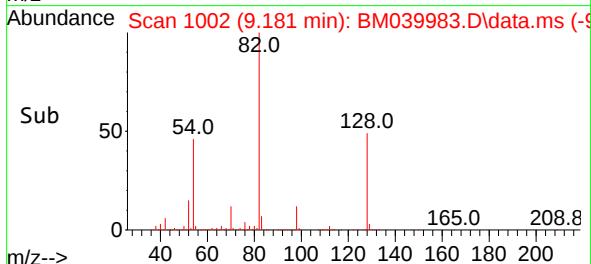
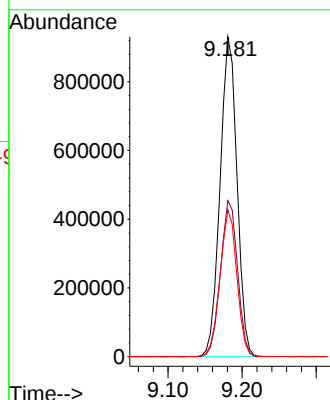
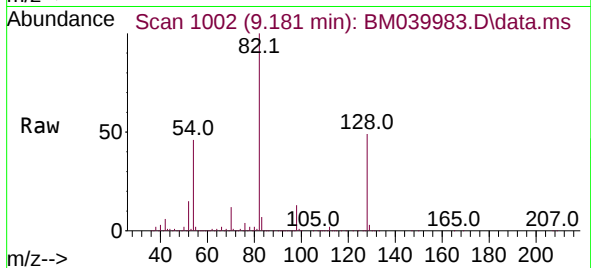
Tgt Ion: 82 Resp: 1475666

Ion Ratio Lower Upper

82 100

128 48.8 36.5 54.7

54 45.9 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: BM039983.D

Acq: 24 May 2023 14:33

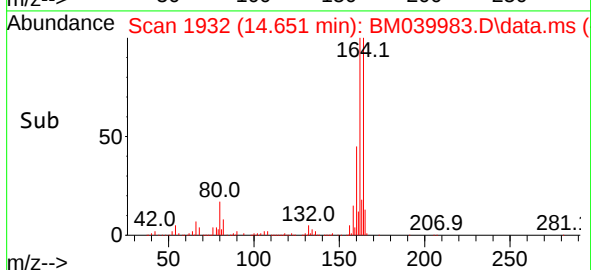
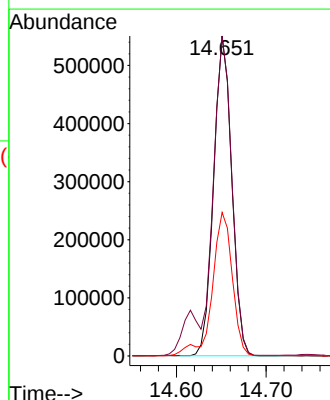
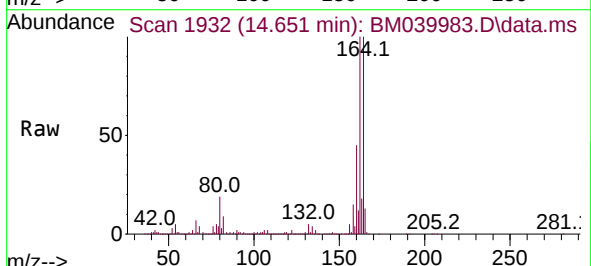
Tgt Ion:164 Resp: 770948

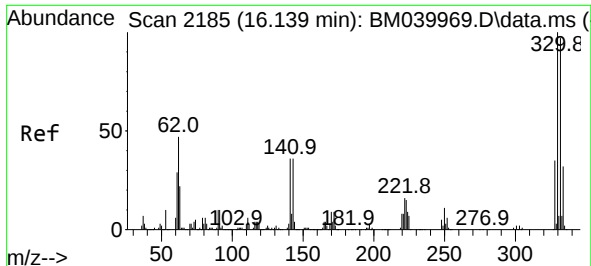
Ion Ratio Lower Upper

164 100

162 99.8 80.6 120.8

160 44.9 36.7 55.1

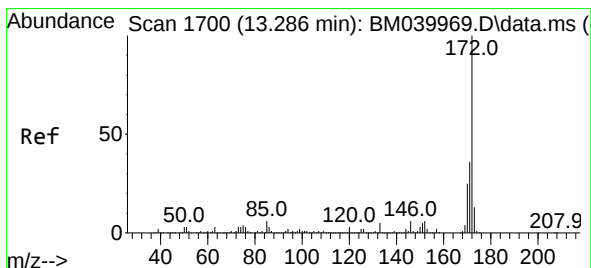
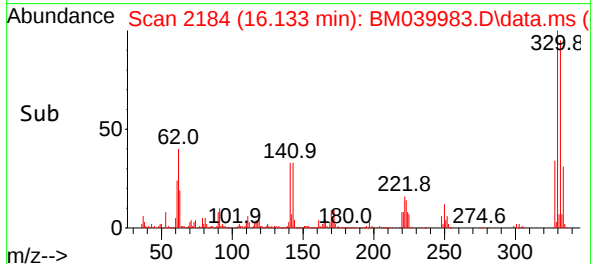
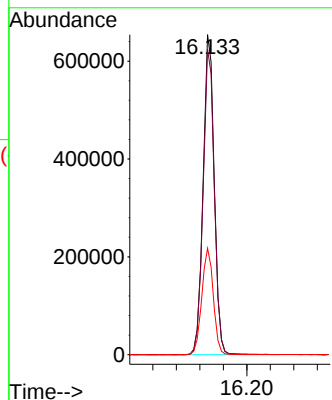
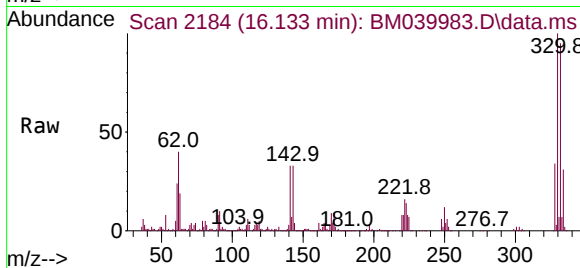




#42
2,4,6-Tribromophenol
Concen: 85.855 ng
RT: 16.133 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM039983.D
Acq: 24 May 2023 14:33

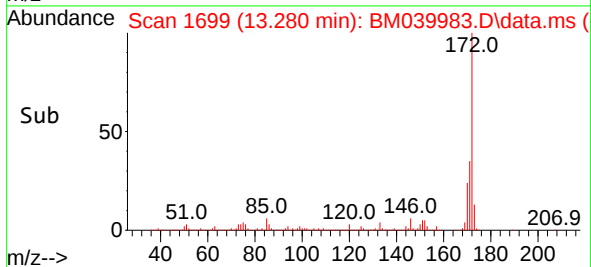
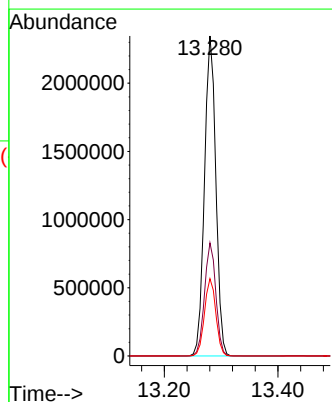
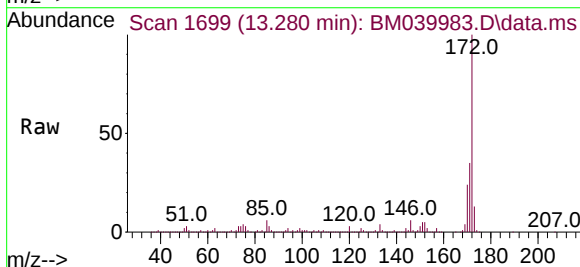
Instrument :
BNA_M
ClientSampleId :
TP13

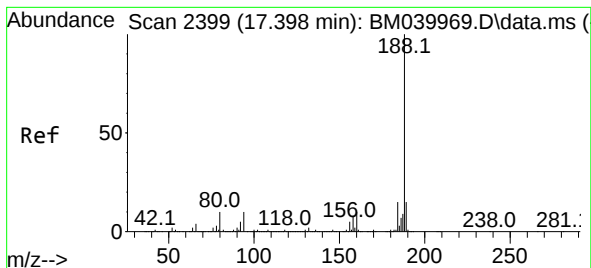
Tgt Ion:330 Resp: 859094
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 34.5 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 49.669 ng
RT: 13.280 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM039983.D
Acq: 24 May 2023 14:33

Tgt Ion:172 Resp: 3246493
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.2 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: BM039983.D

Acq: 24 May 2023 14:33

Instrument :

BNA_M

ClientSampleId :

TP13

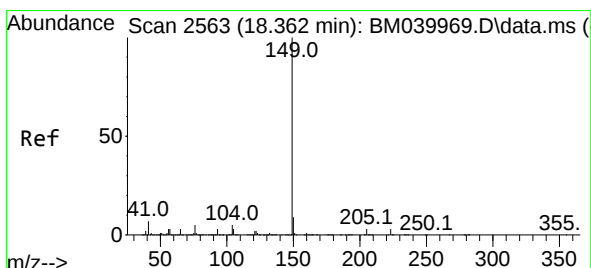
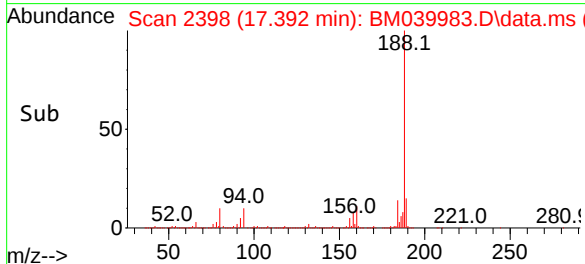
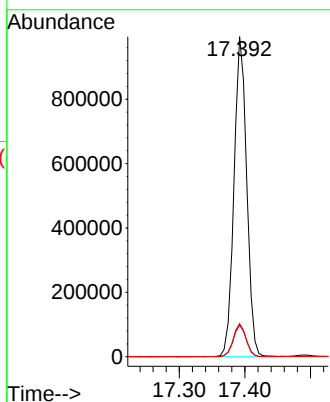
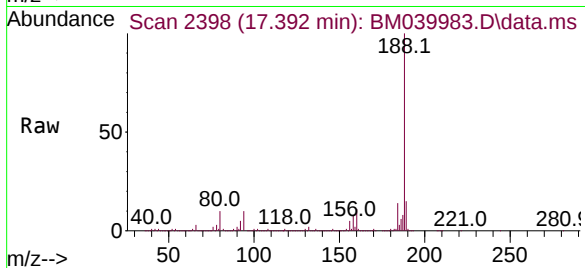
Tgt Ion:188 Resp: 1342411

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.8

80 10.4 8.2 12.4



#74

Di-n-butylphthalate

Concen: 4.591 ng

RT: 18.362 min Scan# 2563

Delta R.T. 0.000 min

Lab File: BM039983.D

Acq: 24 May 2023 14:33

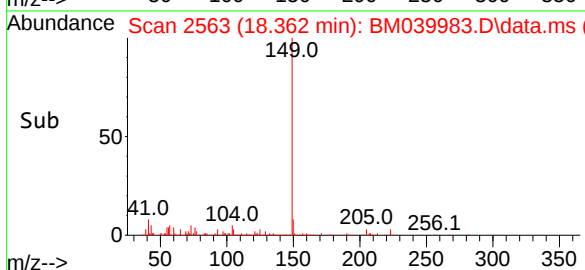
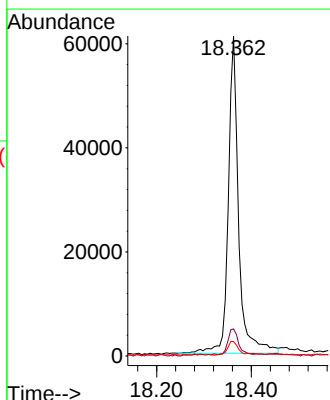
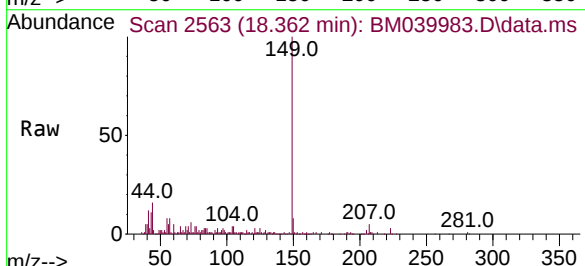
Tgt Ion:149 Resp: 92434

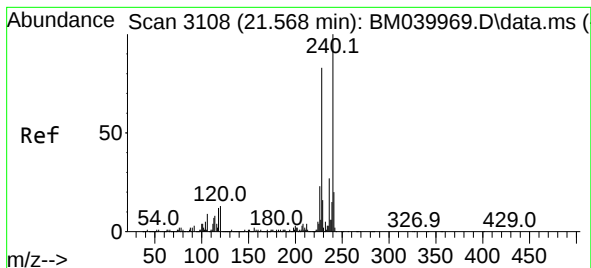
Ion Ratio Lower Upper

149 100

150 8.4 7.4 11.2

104 4.5 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: BM039983.D

Acq: 24 May 2023 14:33

Instrument :

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ClientSampleId :

TP13

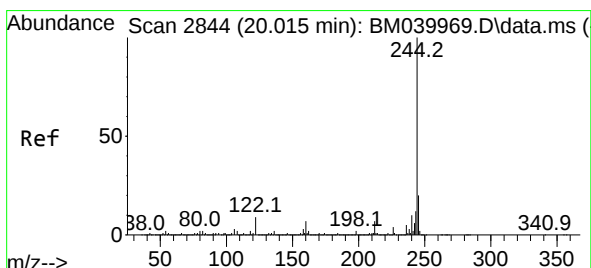
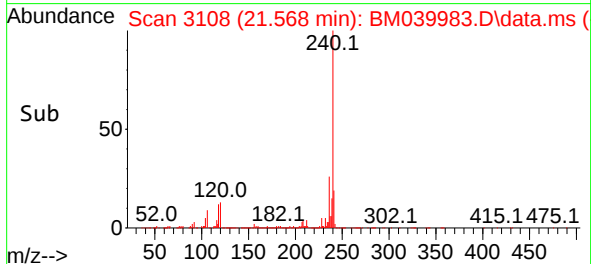
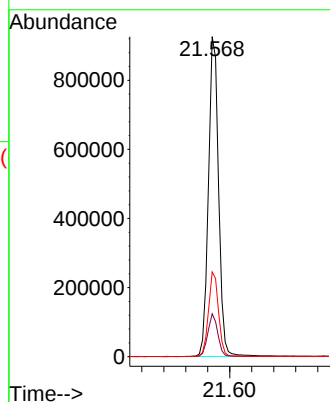
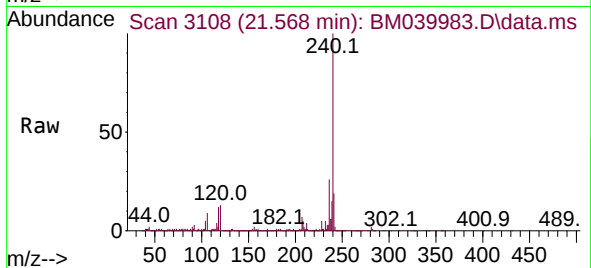
Tgt Ion:240 Resp: 1185100

Ion Ratio Lower Upper

240 100

120 13.4 10.1 15.1

236 26.5 21.3 31.9



#79

Terphenyl-d14

Concen: 54.185 ng

RT: 20.009 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BM039983.D

Acq: 24 May 2023 14:33

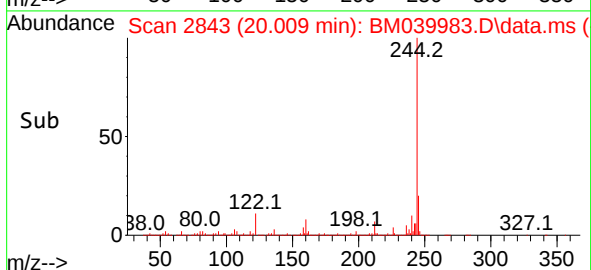
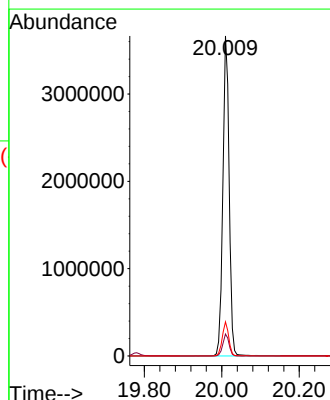
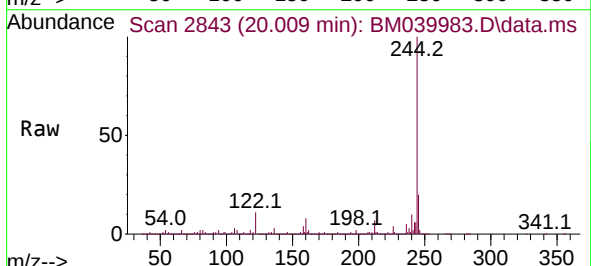
Tgt Ion:244 Resp: 4135646

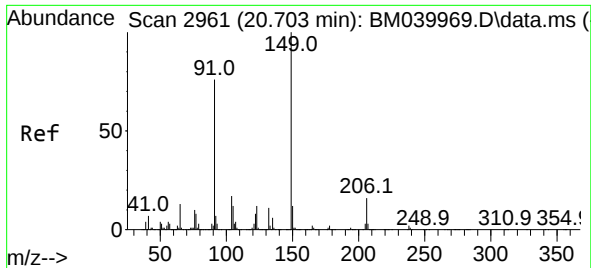
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.7 7.1 10.7

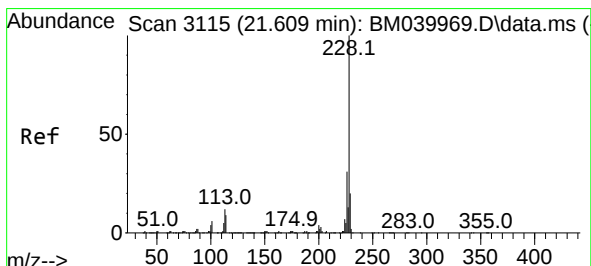
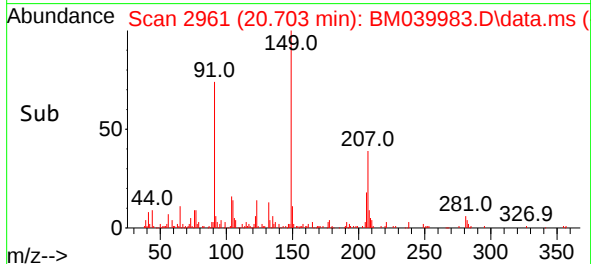
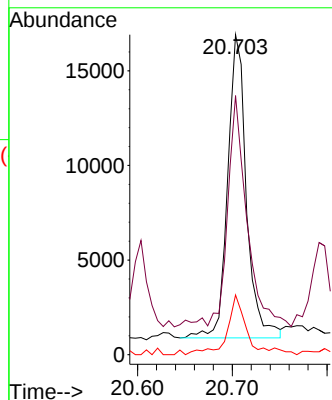
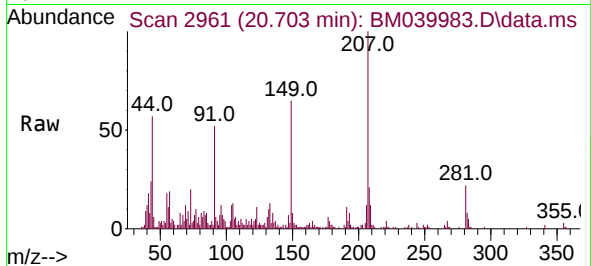




#80
Butylbenzylphthalate
Concen: 5.388 ng
RT: 20.703 min Scan# 2961
Delta R.T. 0.000 min
Lab File: BM039983.D
Acq: 24 May 2023 14:33

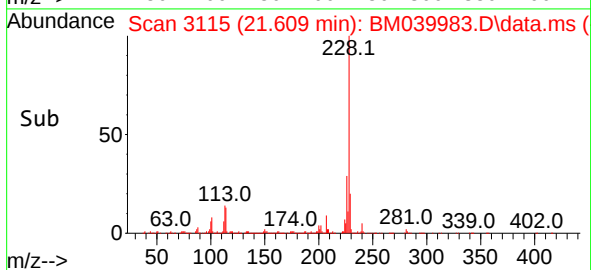
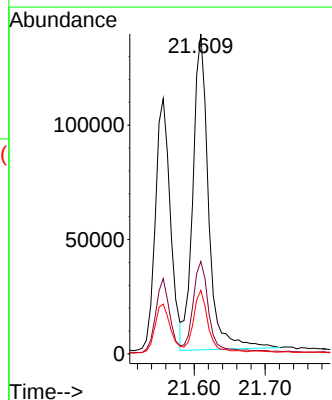
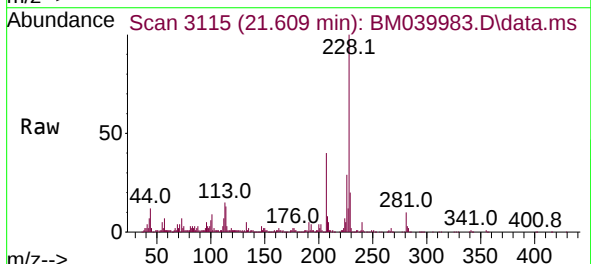
Instrument :
BNA_M
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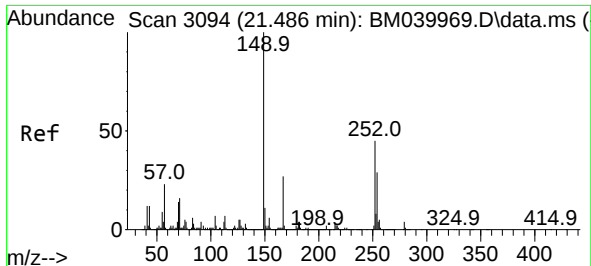
Tgt Ion:149 Resp: 22112
Ion Ratio Lower Upper
149 100
91 80.9 61.0 91.4
206 18.6 12.7 19.1



#83
Chrysene
Concen: 2.636 ng
RT: 21.609 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM039983.D
Acq: 24 May 2023 14:33

Tgt Ion:228 Resp: 212213
Ion Ratio Lower Upper
228 100
226 28.9 24.5 36.7
229 19.8 15.9 23.9

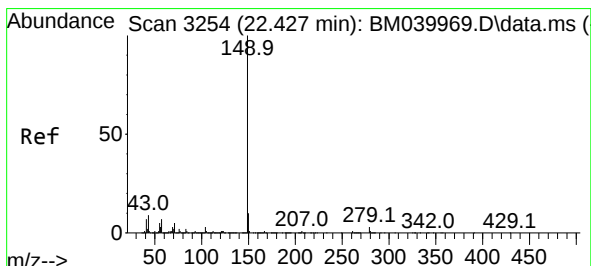
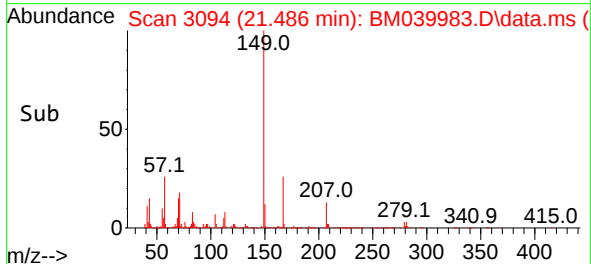
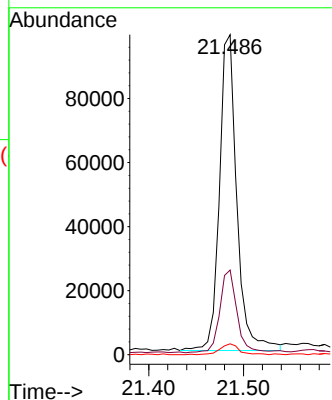
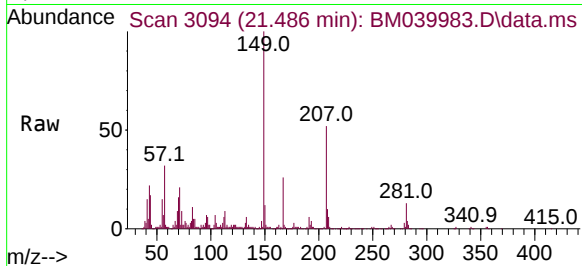




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.652 ng
 RT: 21.486 min Scan# 3094
 Delta R.T. -0.000 min
 Lab File: BM039983.D
 Acq: 24 May 2023 14:33

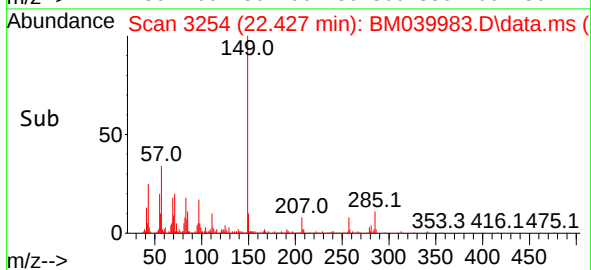
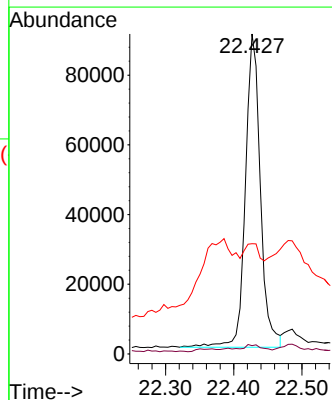
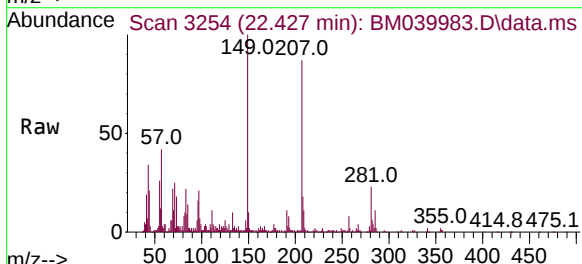
Instrument :
 BNA_M
 ClientSampleId :
 TP13

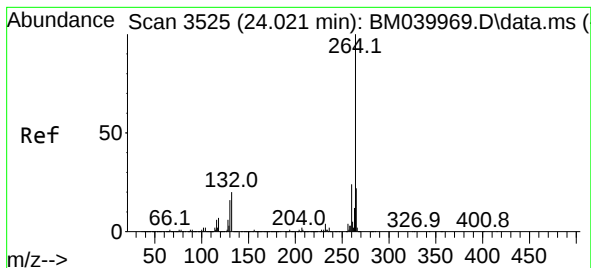
Tgt Ion:149 Resp: 126282
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.4 32.2
 279 3.4 3.3 4.9



#85
 Di-n-octyl phthalate
 Concen: 7.960 ng
 RT: 22.427 min Scan# 3254
 Delta R.T. -0.000 min
 Lab File: BM039983.D
 Acq: 24 May 2023 14:33

Tgt Ion:149 Resp: 136721
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.1 1.7#
 43 0.0 7.4 11.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.021 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM039983.D

Acq: 24 May 2023 14:33

Instrument :

BNA_M

ClientSampleId :

TP13

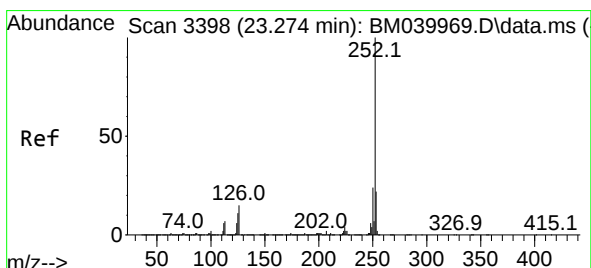
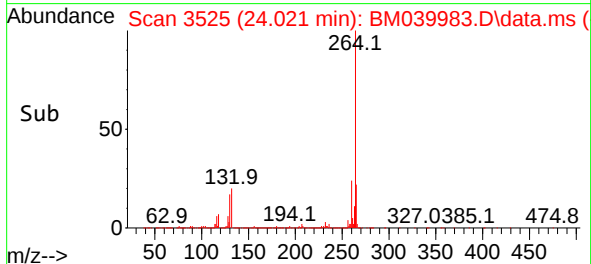
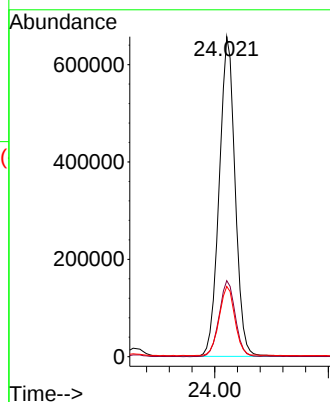
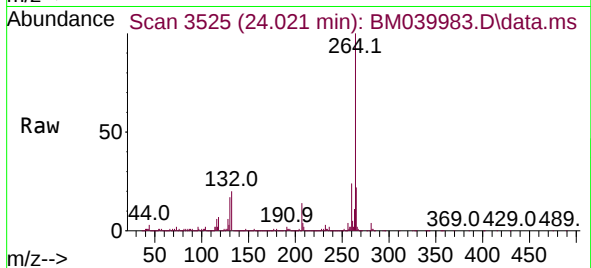
Tgt Ion:264 Resp: 1276425

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.0 17.7 26.5



#88

Benzo(b)fluoranthene

Concen: 2.096 ng

RT: 23.274 min Scan# 3398

Delta R.T. 0.000 min

Lab File: BM039983.D

Acq: 24 May 2023 14:33

Tgt Ion:252 Resp: 171316

Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 13.9 8.9 13.3#

