

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039197.D
 Acq On : 29 Mar 2023 01:52
 Operator : CG/JU
 Sample : 02021-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JPP-6E-032023

Quant Time: Mar 29 03:52:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 29 01:28:31 2023
 Response via : Initial Calibration

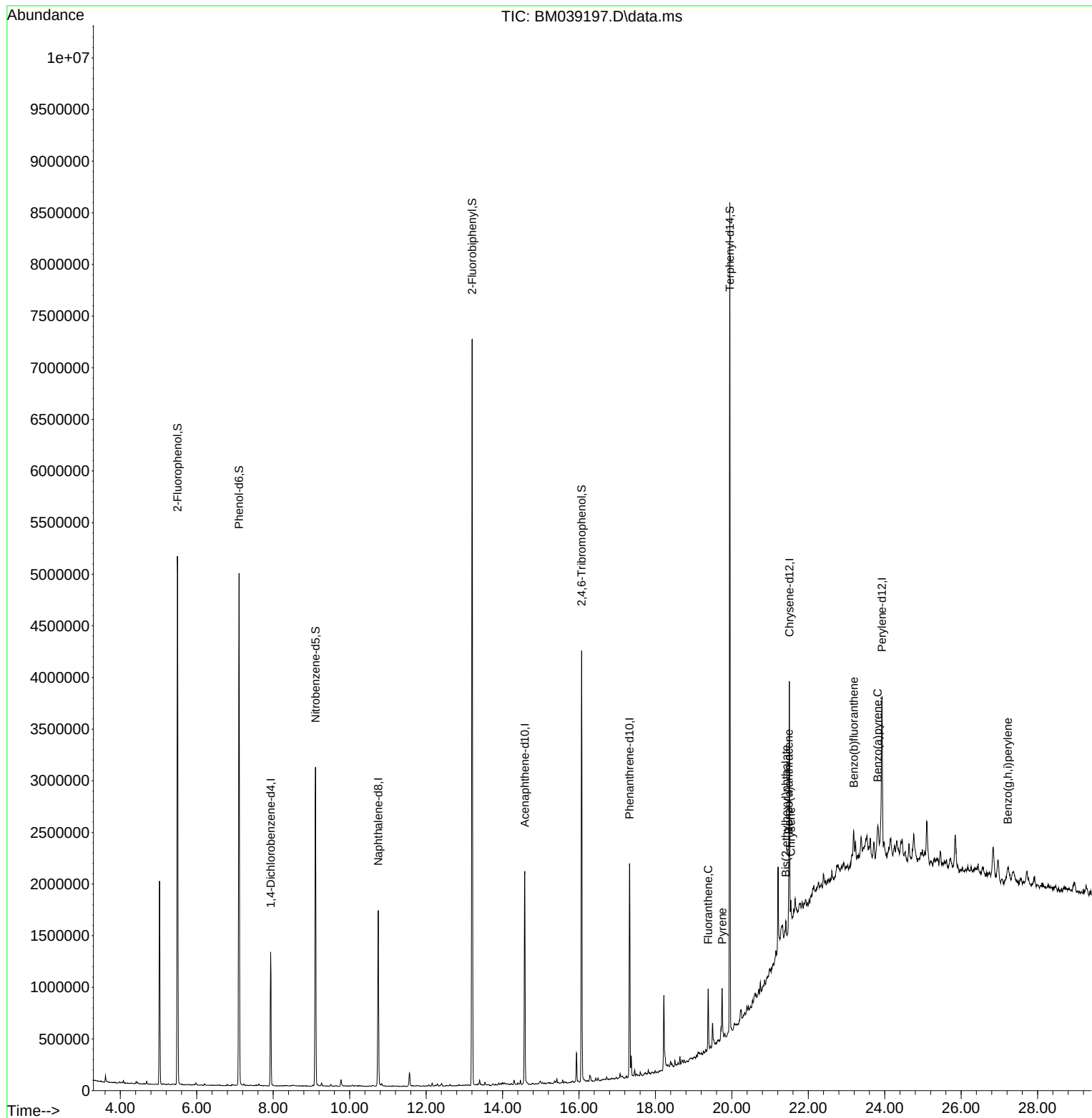
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	338415	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1360728	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	710451	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1246321	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1005308	20.000	ng	0.00
86) Perylene-d12	23.927	264	1101365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2245448	100.808	ng	0.00
7) Phenol-d6	7.105	99	2895353	100.073	ng	0.00
23) Nitrobenzene-d5	9.104	82	1749191	63.144	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	724010	88.092	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	3528470	64.654	ng	0.00
79) Terphenyl-d14	19.945	244	3734764	67.923	ng	0.00
Target Compounds						
75) Fluoranthene	19.380	202	316721	4.101	ng	Qvalue 99
78) Pyrene	19.745	202	294089	3.895	ng	99
81) Benzo(a)anthracene	21.486	228	169284	2.338	ng	# 93
83) Chrysene	21.545	228	161273	2.290	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.415	149	57171	3.653	ng	# 97
88) Benzo(b)fluoranthene	23.192	252	216578	3.078	ng	# 74
90) Benzo(a)pyrene	23.815	252	150754	2.226	ng	# 82
92) Benzo(g,h,i)perylene	27.221	276	139119	2.004	ng	# 88

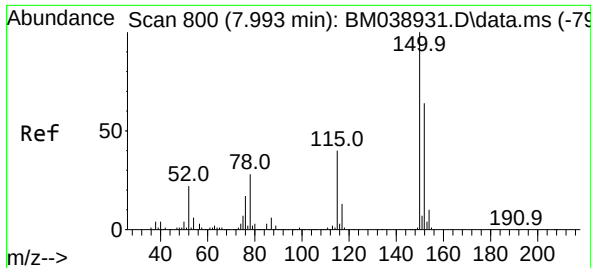
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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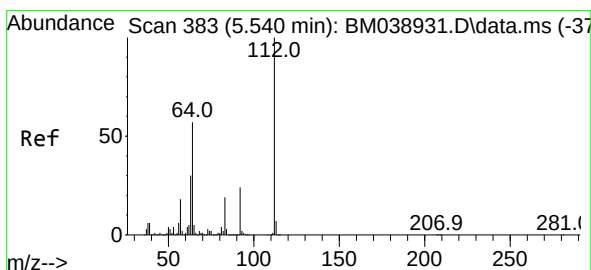
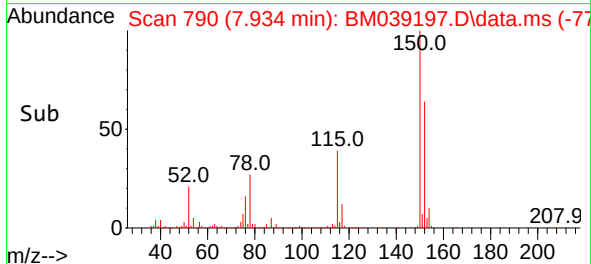
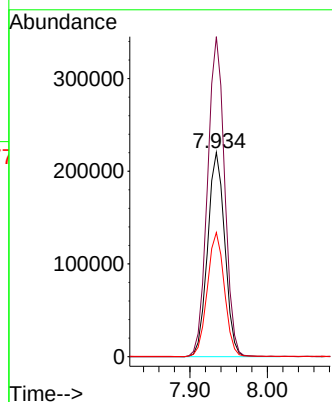
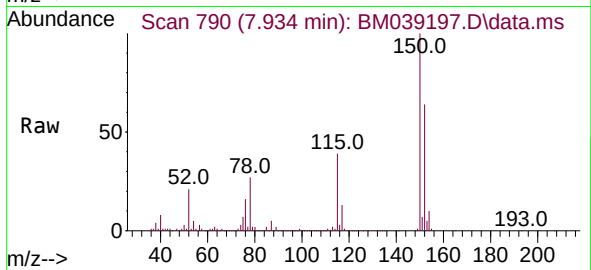




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

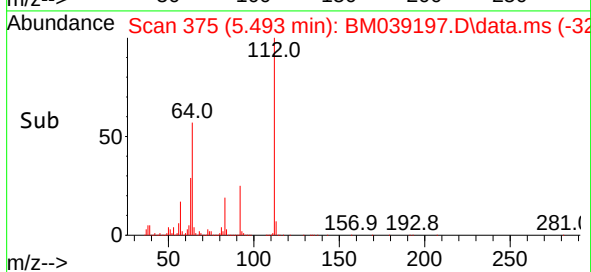
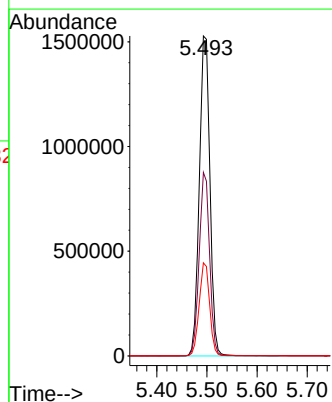
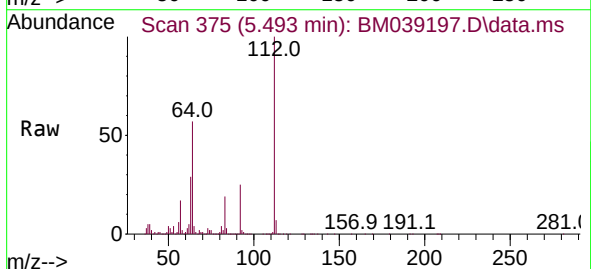
Instrument :
BNA_M
ClientSampleId :
JPP-6E-032023

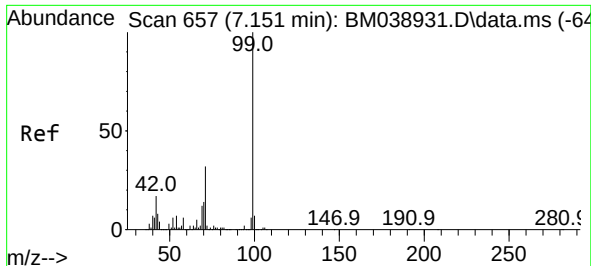
Tgt Ion:152 Resp: 338415
Ion Ratio Lower Upper
152 100
150 156.6 125.1 187.7
115 60.8 49.6 74.4



#5
2-Fluorophenol
Concen: 100.808 ng
RT: 5.493 min Scan# 375
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

Tgt Ion:112 Resp: 2245448
Ion Ratio Lower Upper
112 100
64 57.3 45.9 68.9
63 29.1 23.8 35.8

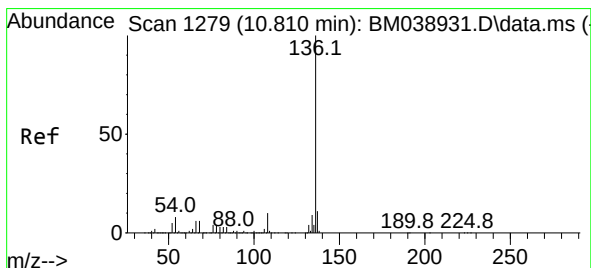
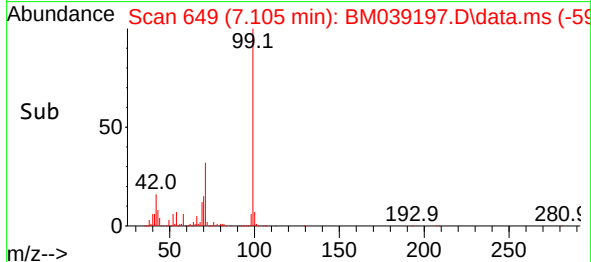
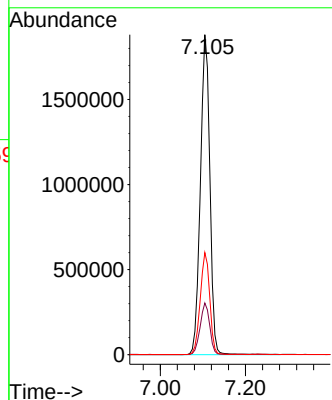
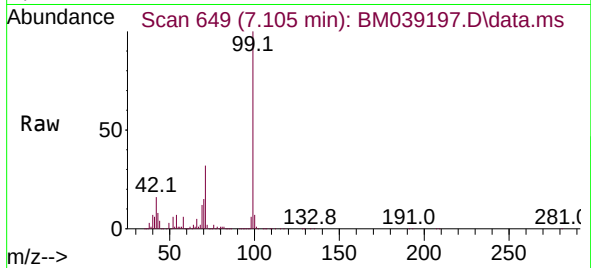




#7
Phenol-d6
Concen: 100.073 ng
RT: 7.105 min Scan# 64
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

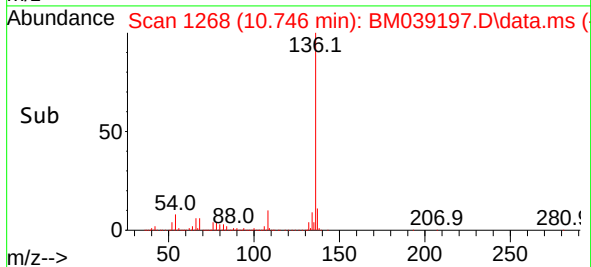
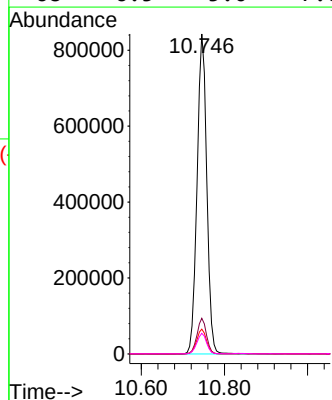
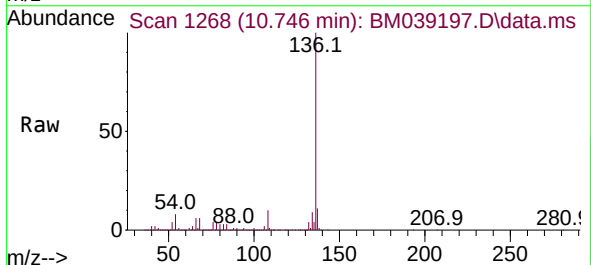
Instrument :
BNA_M
ClientSampleId :
JPP-6E-032023

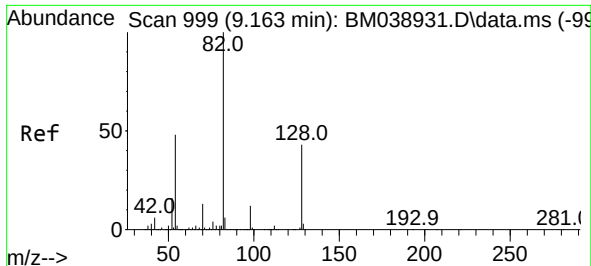
Tgt Ion: 99 Resp: 2895353
Ion Ratio Lower Upper
99 100
42 16.1 13.5 20.3
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1268
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

Tgt Ion: 136 Resp: 1360728
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.7 6.3 9.5
68 6.5 5.0 7.6

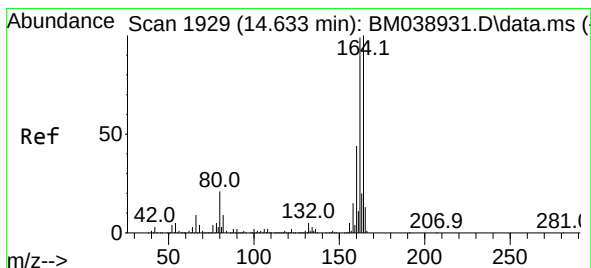
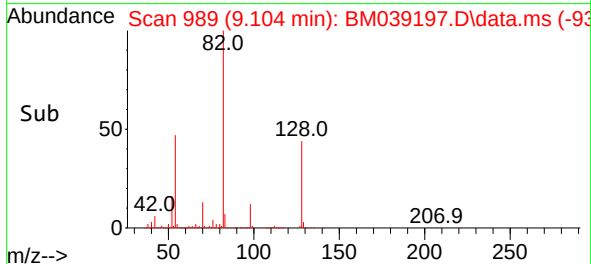
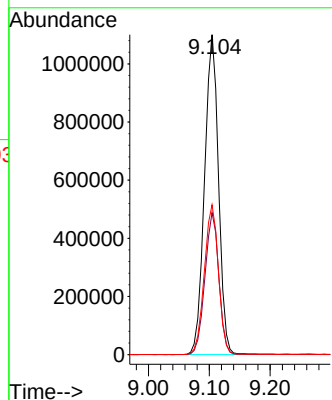
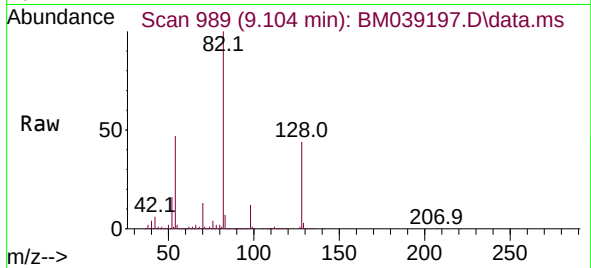




#23
Nitrobenzene-d5
Concen: 63.144 ng
RT: 9.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

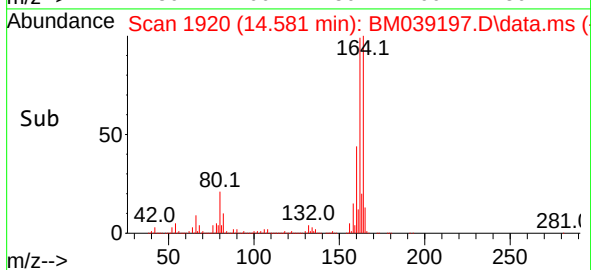
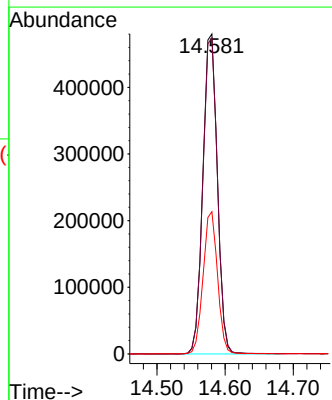
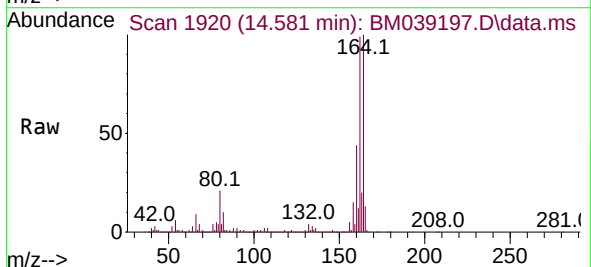
Instrument :
BNA_M
ClientSampleId :
JPP-6E-032023

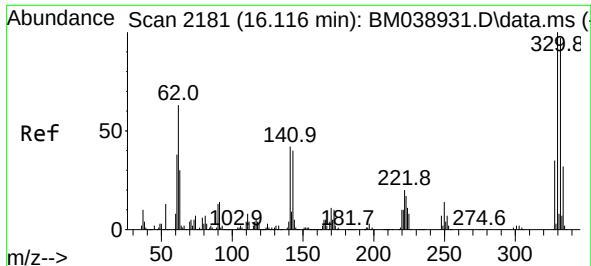
Tgt Ion: 82 Resp: 1749191
Ion Ratio Lower Upper
82 100
128 44.4 34.4 51.6
54 46.8 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1920
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

Tgt Ion: 164 Resp: 710451
Ion Ratio Lower Upper
164 100
162 98.7 79.2 118.8
160 44.4 35.5 53.3

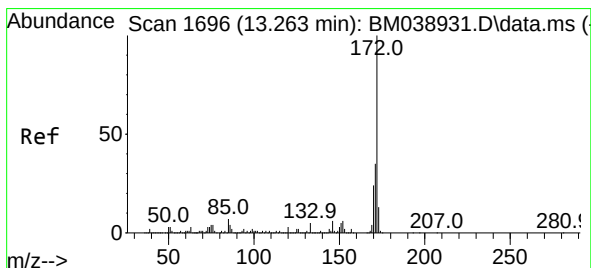
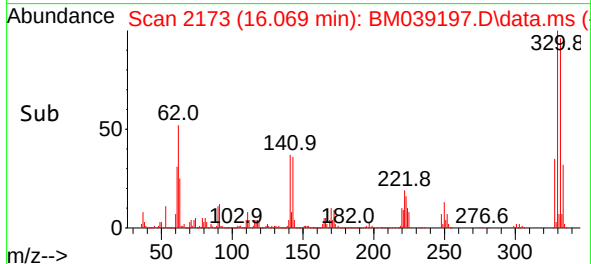
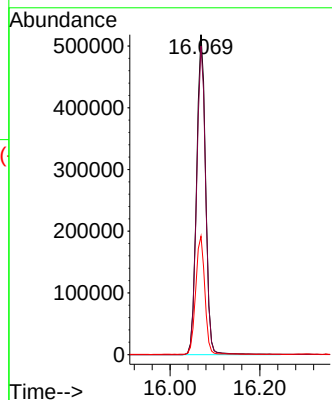
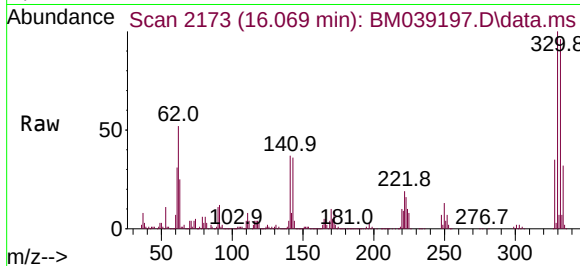




#42
2,4,6-Tribromophenol
Concen: 88.092 ng
RT: 16.069 min Scan# 2181
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

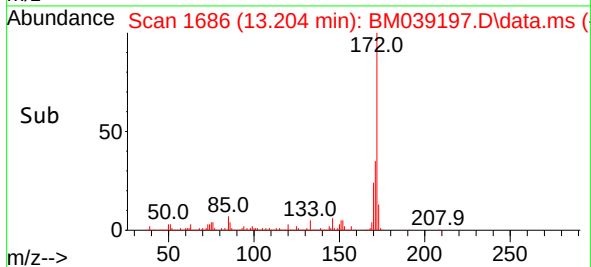
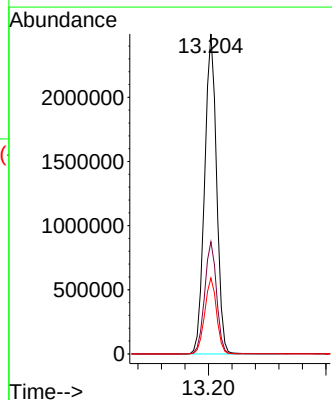
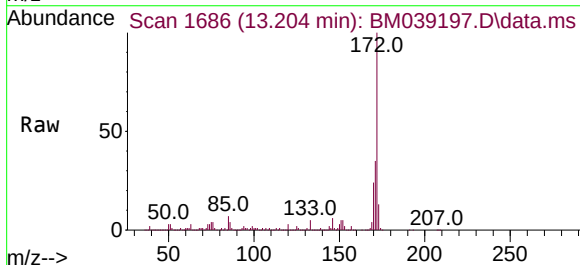
Instrument :
BNA_M
ClientSampleId :
JPP-6E-032023

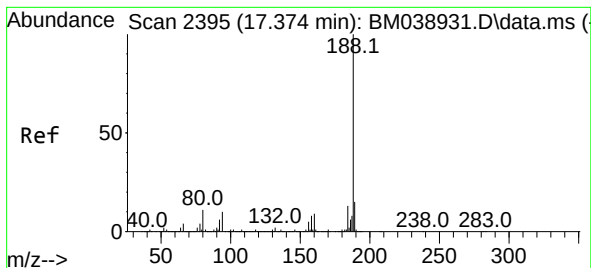
Tgt Ion:330 Resp: 724010
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 37.1 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 64.654 ng
RT: 13.204 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

Tgt Ion:172 Resp: 3528470
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.322 min Scan# 2395

Delta R.T. -0.006 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

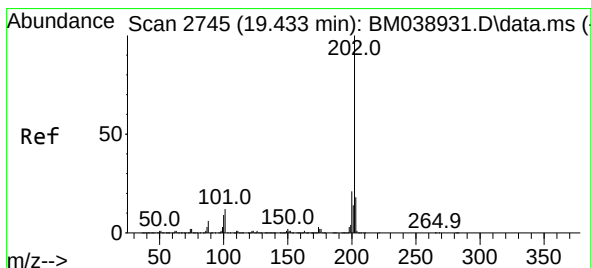
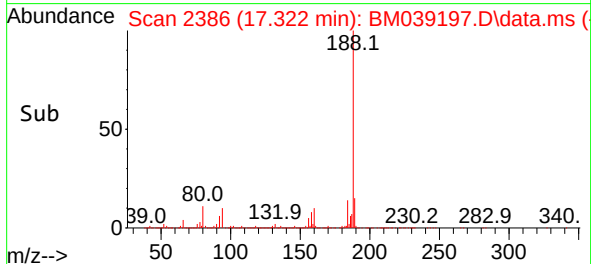
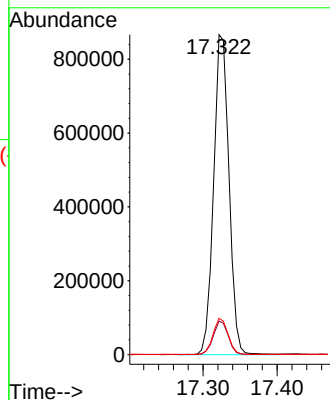
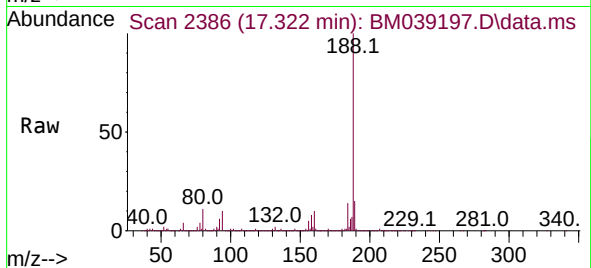
Tgt Ion:188 Resp: 1246321

Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

80 11.3 8.5 12.7



#75

Fluoranthene

Concen: 4.101 ng

RT: 19.380 min Scan# 2736

Delta R.T. -0.005 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

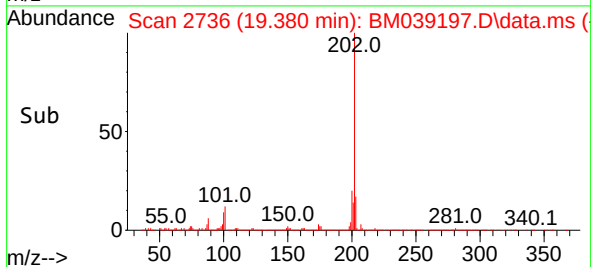
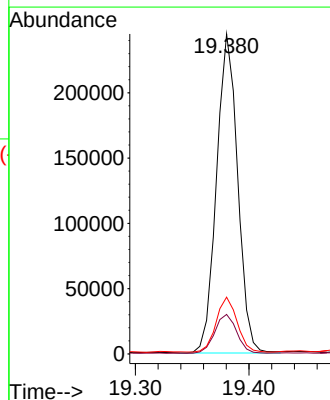
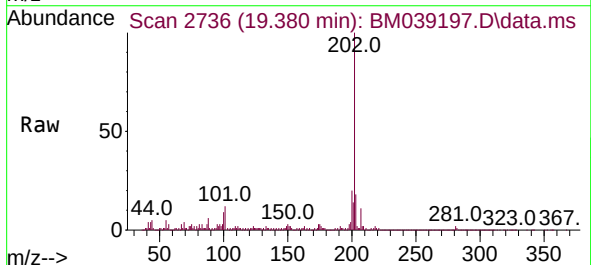
Tgt Ion:202 Resp: 316721

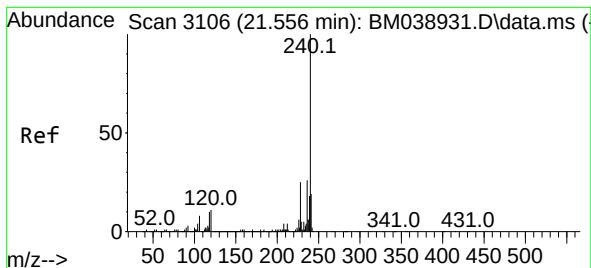
Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.7

203 17.7 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 30

Delta R.T. -0.005 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

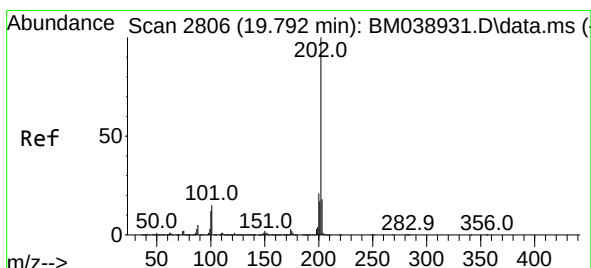
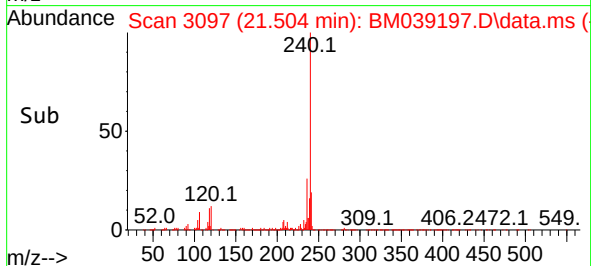
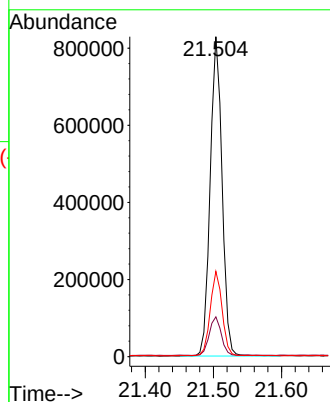
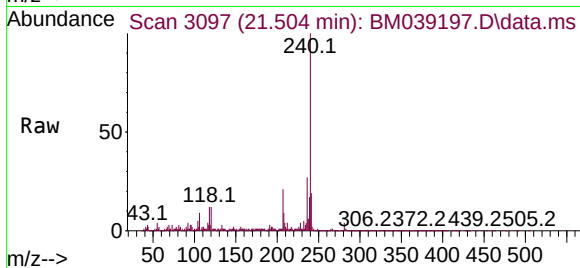
Tgt Ion:240 Resp: 1005308

Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

236 26.6 20.8 31.2



#78

Pyrene

Concen: 3.895 ng

RT: 19.745 min Scan# 2798

Delta R.T. -0.006 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

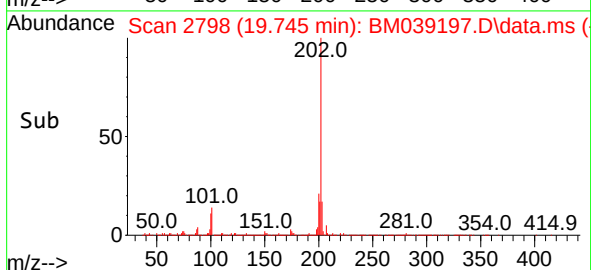
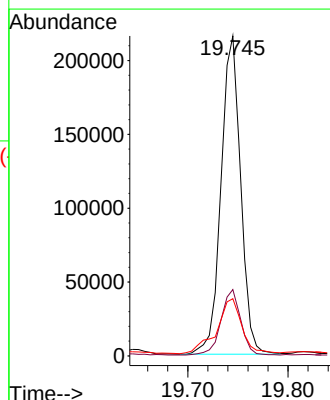
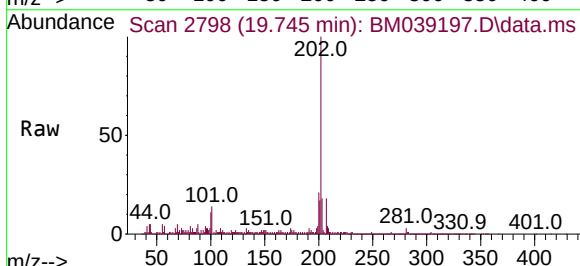
Tgt Ion:202 Resp: 294089

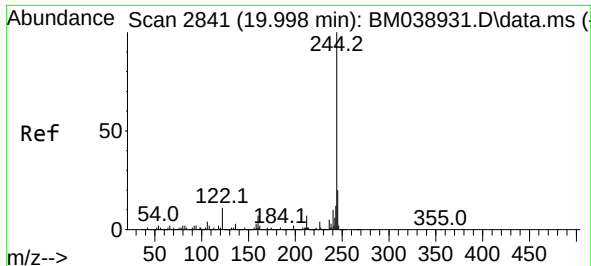
Ion Ratio Lower Upper

202 100

200 20.7 17.1 25.7

203 17.9 14.1 21.1

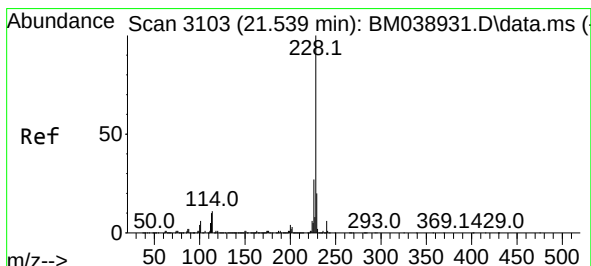
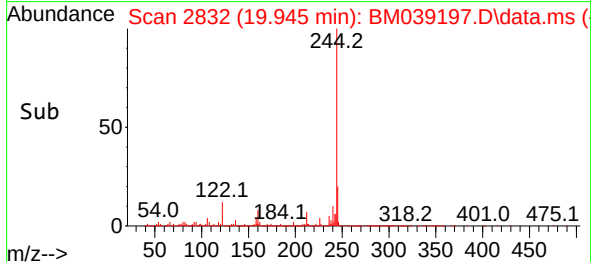
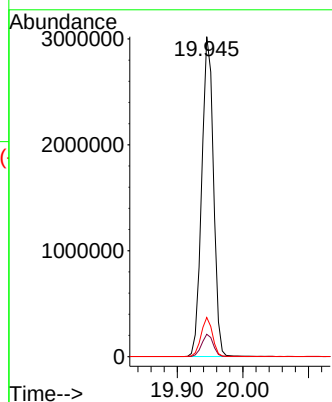
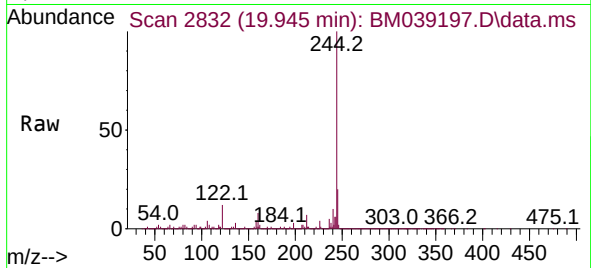




#79
 Terphenyl-d14
 Concen: 67.923 ng
 RT: 19.945 min Scan# 2841
 Delta R.T. -0.005 min
 Lab File: BM039197.D
 Acq: 29 Mar 2023 01:52

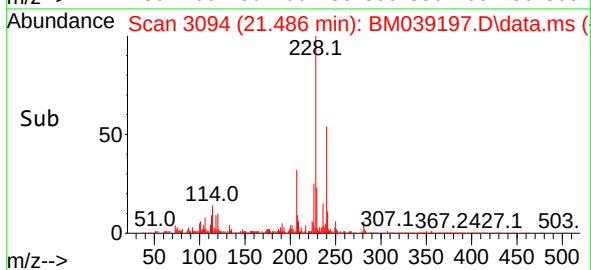
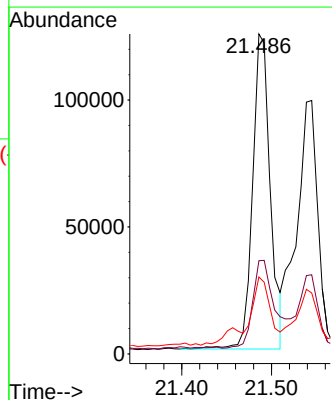
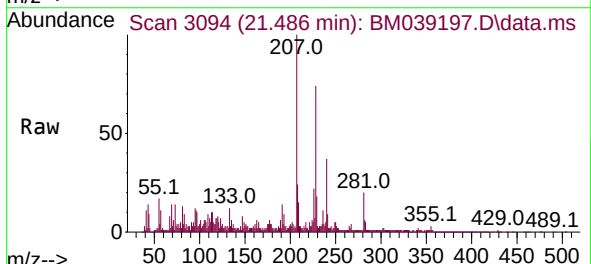
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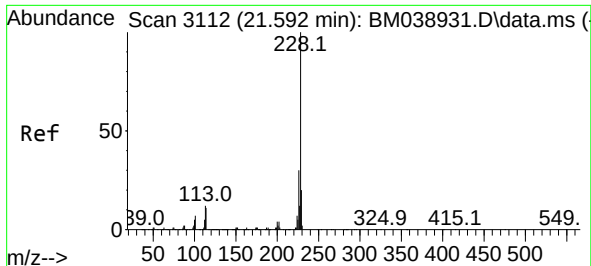
Tgt Ion:244 Resp: 3734764
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 12.2 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 2.338 ng
 RT: 21.486 min Scan# 3094
 Delta R.T. -0.005 min
 Lab File: BM039197.D
 Acq: 29 Mar 2023 01:52

Tgt Ion:228 Resp: 169284
 Ion Ratio Lower Upper
 228 100
 226 29.1 21.4 32.2
 229 24.0 15.7 23.5#

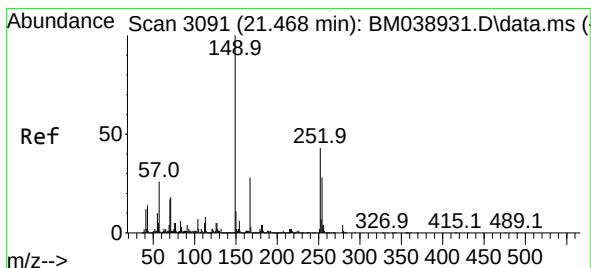
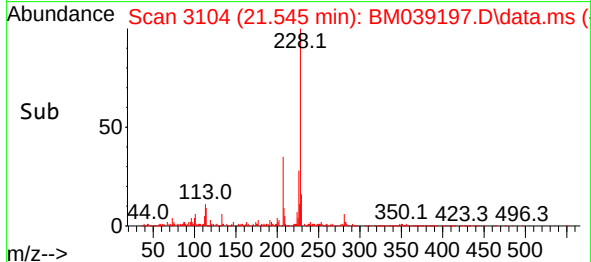
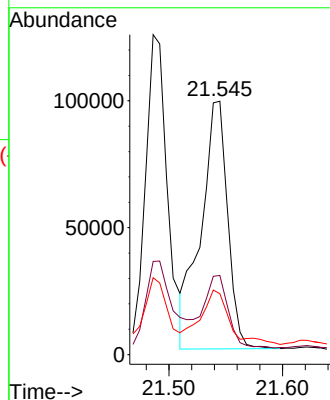
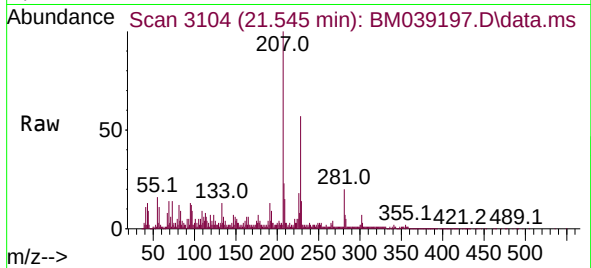




#83
Chrysene
Concen: 2.290 ng
RT: 21.545 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

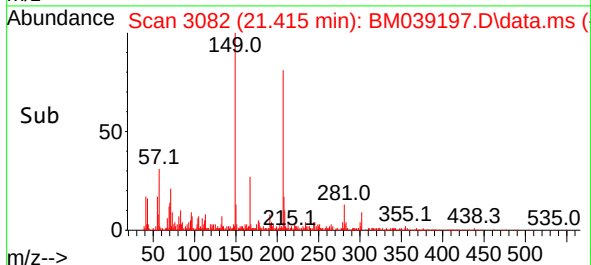
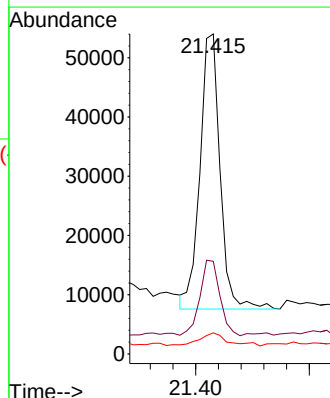
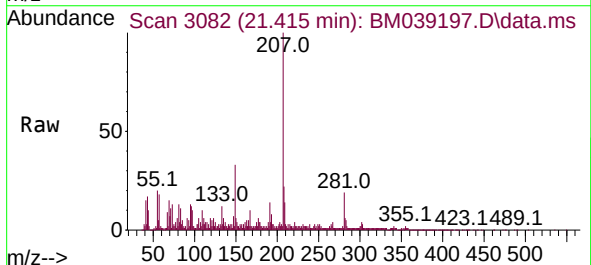
Instrument :
BNA_M
ClientSampleId :
JPP-6E-032023

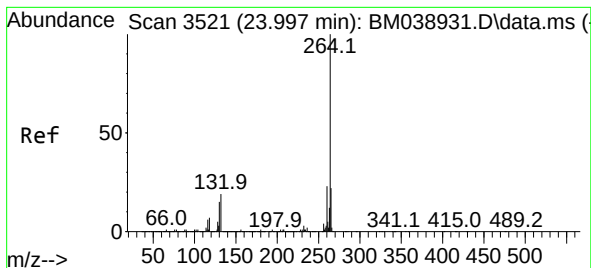
Tgt Ion:228 Resp: 161273
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 24.0 16.0 24.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.653 ng
RT: 21.415 min Scan# 3082
Delta R.T. 0.000 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

Tgt Ion:149 Resp: 57171
Ion Ratio Lower Upper
149 100
167 28.9 22.3 33.5
279 6.6 3.2 4.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

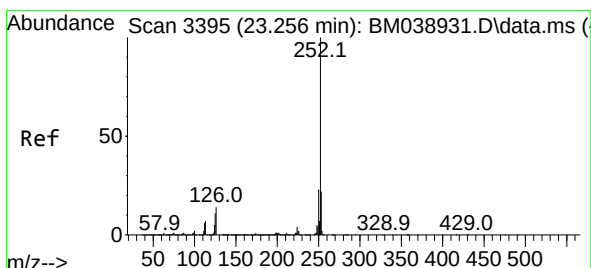
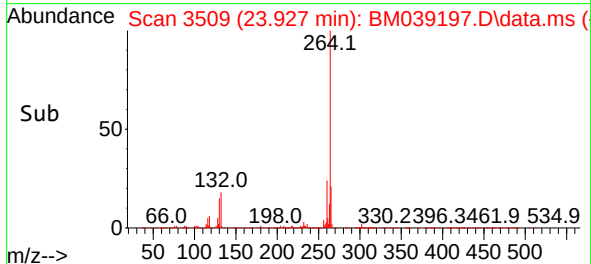
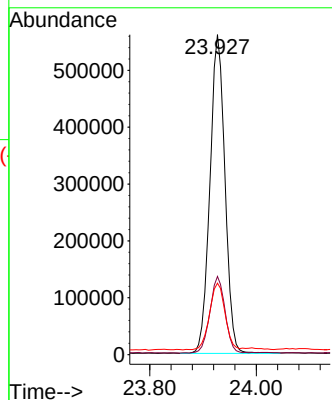
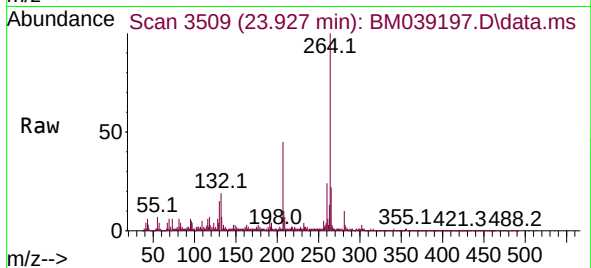
Tgt Ion:264 Resp: 1101365

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.4 17.9 26.9



#88

Benzo(b)fluoranthene

Concen: 3.078 ng

RT: 23.192 min Scan# 3384

Delta R.T. 0.000 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

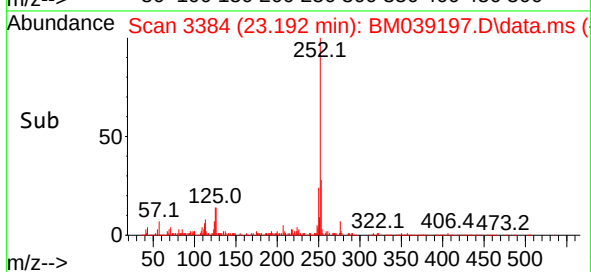
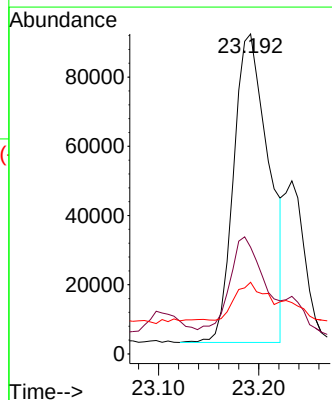
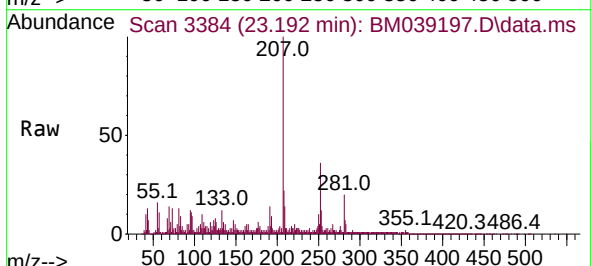
Tgt Ion:252 Resp: 216578

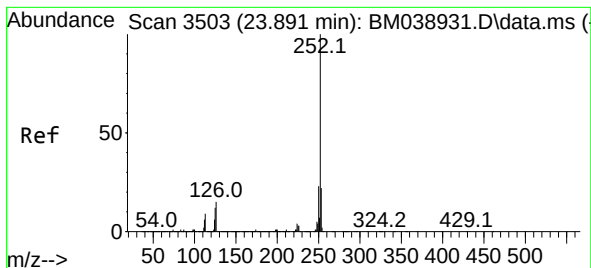
Ion Ratio Lower Upper

252 100

253 33.4 17.6 26.4#

125 22.4 8.8 13.2#





#90

Benzo(a)pyrene

Concen: 2.226 ng

RT: 23.815 min Scan# 34

Delta R.T. -0.005 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

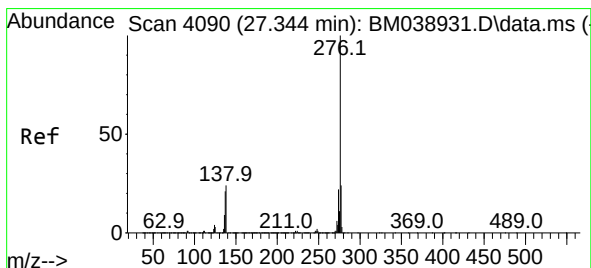
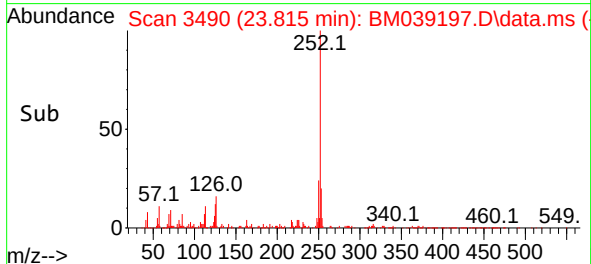
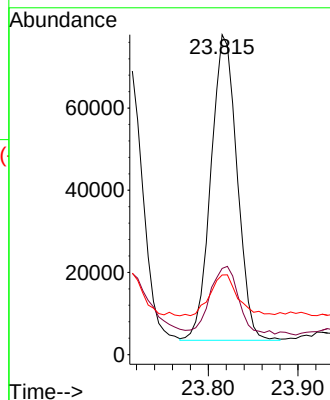
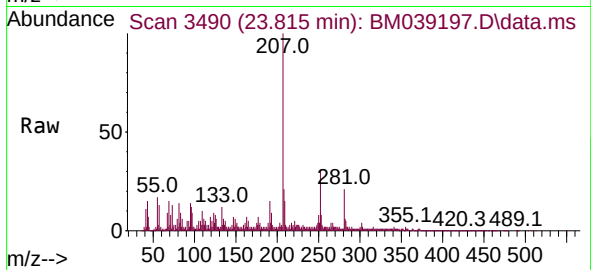
Tgt Ion:252 Resp: 150754

Ion Ratio Lower Upper

252 100

253 26.9 17.6 26.4#

125 24.9 9.8 14.8#



#92

Benzo(g,h,i)perylene

Concen: 2.004 ng

RT: 27.221 min Scan# 4069

Delta R.T. -0.006 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

Tgt Ion:276 Resp: 139119

Ion Ratio Lower Upper

276 100

277 31.2 19.3 28.9#

138 28.9 19.0 28.6#

