

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042410.D
 Acq On : 23 Oct 2023 19:59
 Operator : MA/JU
 Sample : 04945-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PAT-2-101823

Quant Time: Oct 23 22:33:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

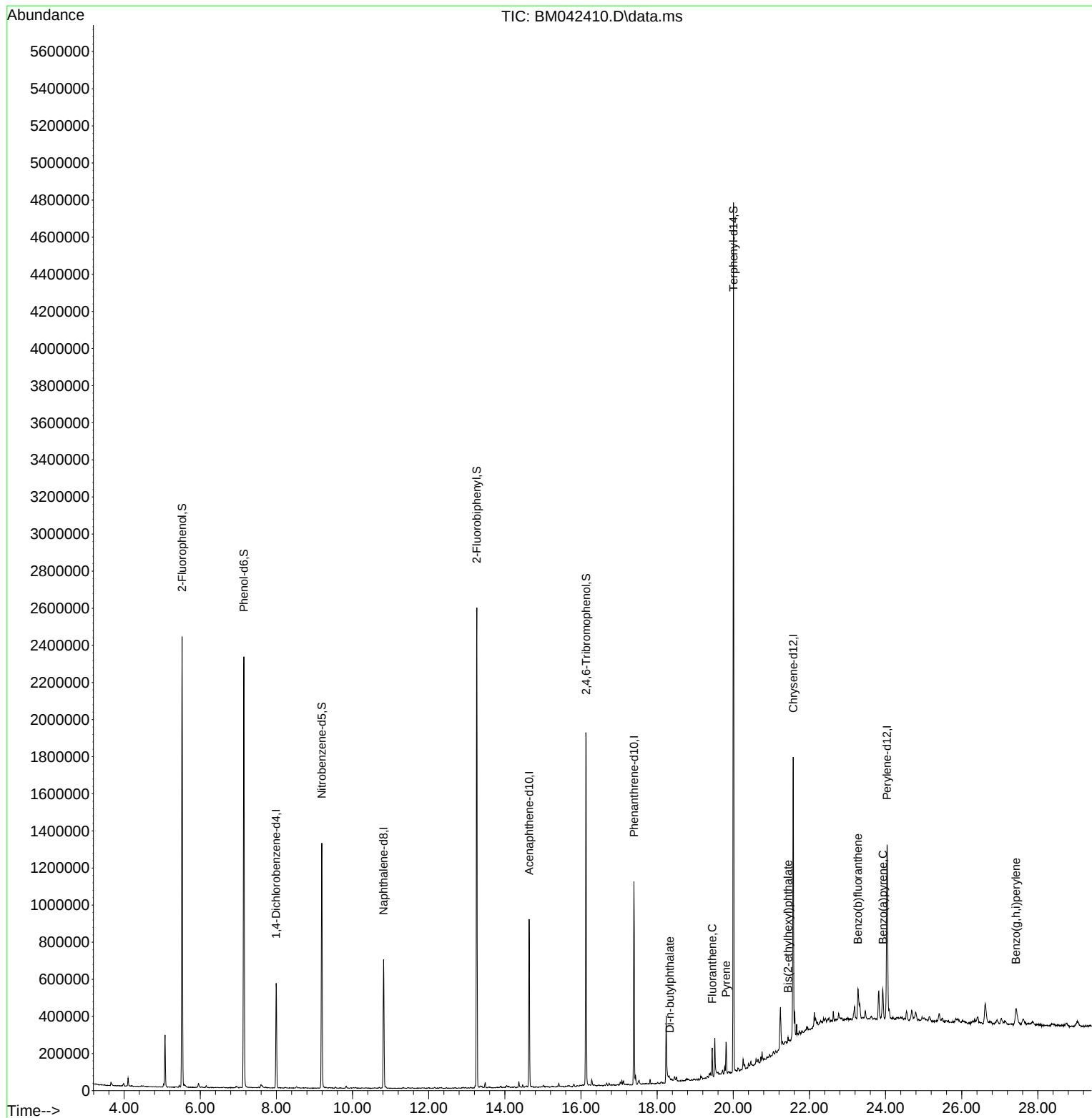
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	134984	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	522751	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	264882	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	566236	20.000	ng	0.00
76) Chrysene-d12	21.574	240	591544	20.000	ng	0.00
86) Perylene-d12	24.039	264	676141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	906129	94.874	ng	0.00
7) Phenol-d6	7.146	99	1179619	92.162	ng	0.00
23) Nitrobenzene-d5	9.192	82	724529	61.288	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	261736	92.355	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1183459	60.165	ng	0.00
79) Terphenyl-d14	20.004	244	1938281	58.111	ng	0.00
Target Compounds						Qvalue
74) Di-n-butylphthalate	18.333	149	5253	2.954	ng	# 91
75) Fluoranthene	19.445	202	79799	2.352	ng	97
78) Pyrene	19.809	202	90956	2.200	ng	98
84) Bis(2-ethylhexyl)phtha...	21.439	149	7203	3.620	ng	# 100
88) Benzo(b)fluoranthene	23.274	252	139206	3.420	ng	# 96
90) Benzo(a)pyrene	23.927	252	101801	2.599	ng	# 97
92) Benzo(g,h,i)perylene	27.427	276	94473	2.368	ng	97

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

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Response via : Initial Calibration

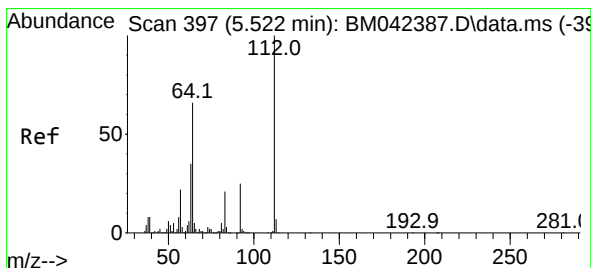
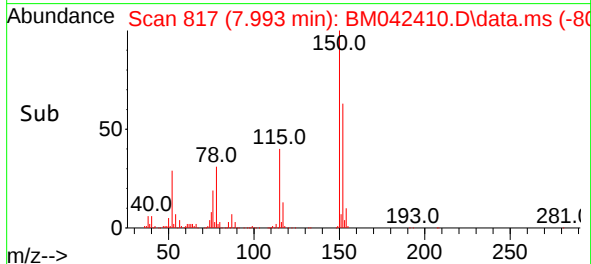
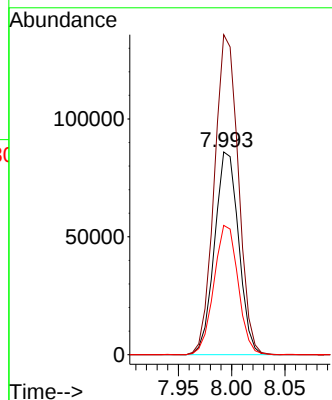
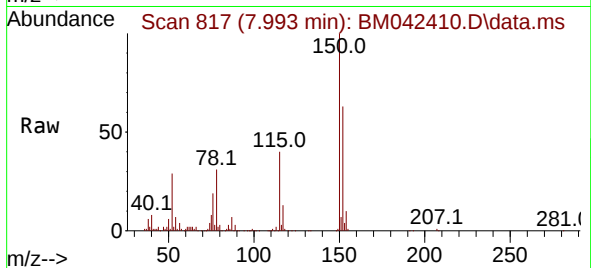




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 818
Delta R.T. -0.005 min
Lab File: BM042410.D
Acq: 23 Oct 2023 19:59

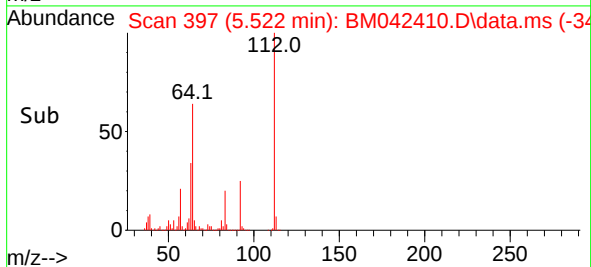
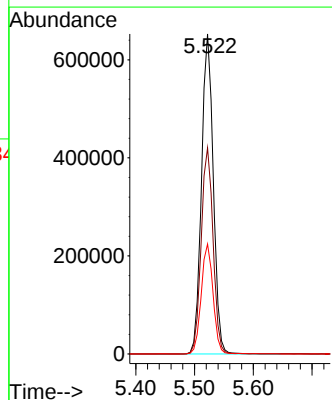
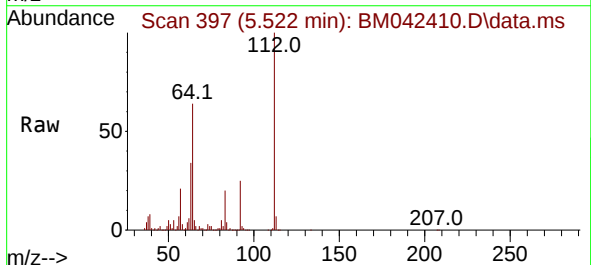
Instrument :
BNA_M
ClientSampleId :
PAT-2-101823

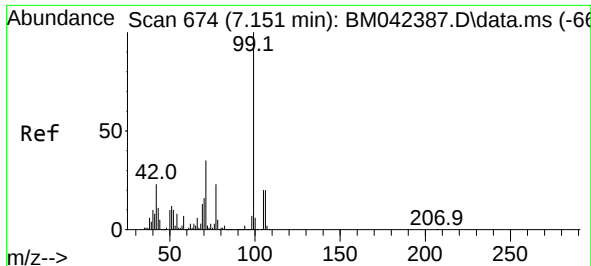
Tgt Ion:152 Resp: 134984
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.4
115 63.8 51.9 77.9



#5
2-Fluorophenol
Concen: 94.874 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042410.D
Acq: 23 Oct 2023 19:59

Tgt Ion:112 Resp: 906129
Ion Ratio Lower Upper
112 100
64 64.4 52.7 79.1
63 34.4 28.3 42.5



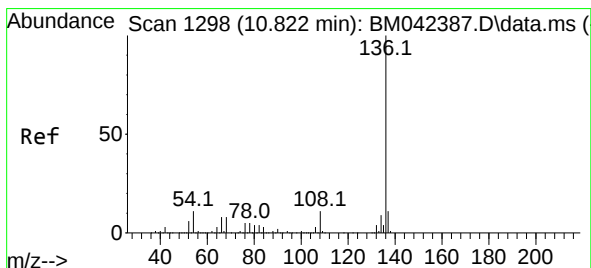
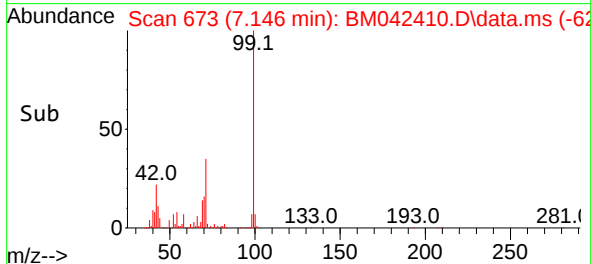
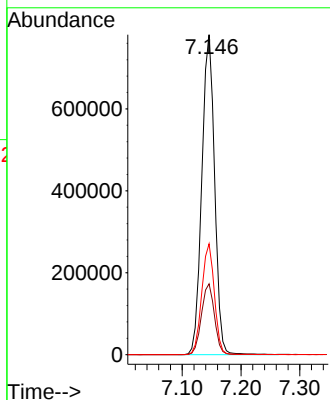
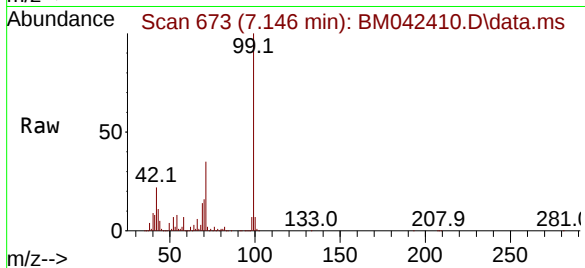


#7
Phenol-d6
Concen: 92.162 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042410.D
Acq: 23 Oct 2023 19:59

Instrument :
BNA_M
ClientSampleId :
PAT-2-101823

Tgt Ion: 99 Resp: 1179619

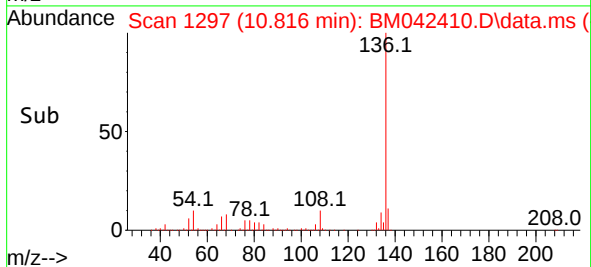
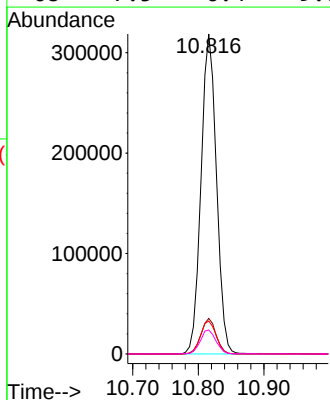
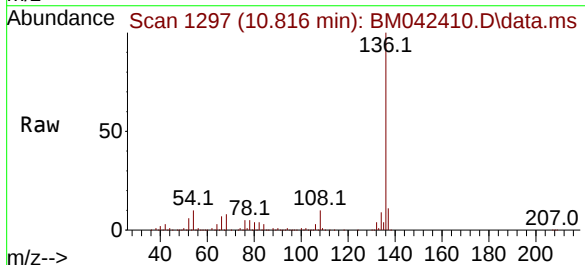
Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.5	27.7
71	34.7	27.7	41.5

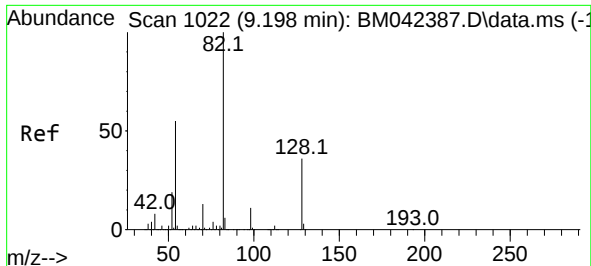


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042410.D
Acq: 23 Oct 2023 19:59

Tgt Ion: 136 Resp: 522751

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.3	8.6	12.8
68	7.5	6.4	9.6

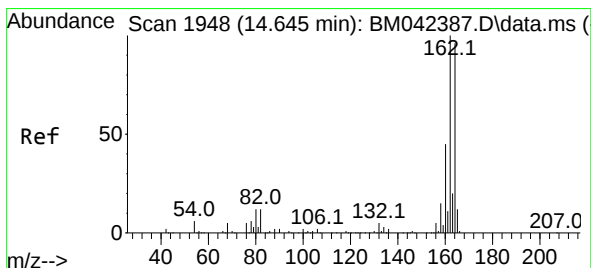
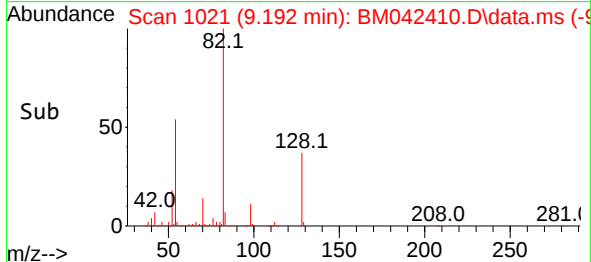
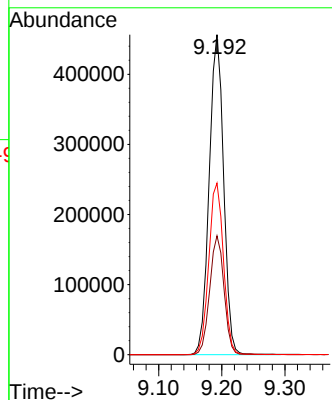
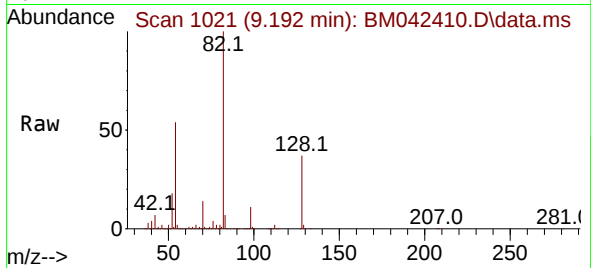




#23
Nitrobenzene-d5
Concen: 61.288 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042410.D
Acq: 23 Oct 2023 19:59

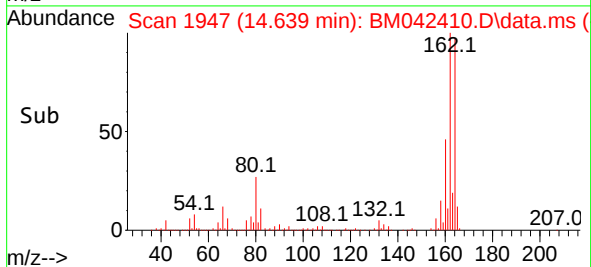
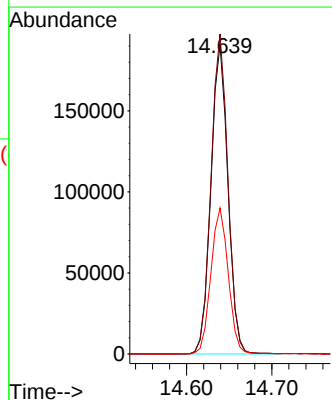
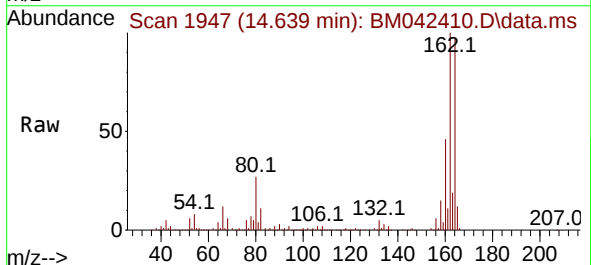
Instrument :
BNA_M
ClientSampleId :
PAT-2-101823

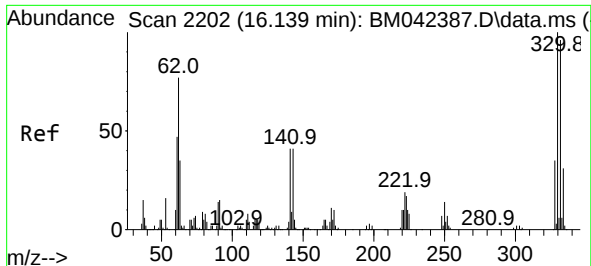
Tgt Ion: 82 Resp: 724529
Ion Ratio Lower Upper
82 100
128 37.2 29.0 43.6
54 53.6 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042410.D
Acq: 23 Oct 2023 19:59

Tgt Ion: 164 Resp: 264882
Ion Ratio Lower Upper
164 100
162 103.4 83.0 124.4
160 47.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 92.355 ng

RT: 16.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042410.D

Acq: 23 Oct 2023 19:59

Instrument :

BNA_M

ClientSampleId :

PAT-2-101823

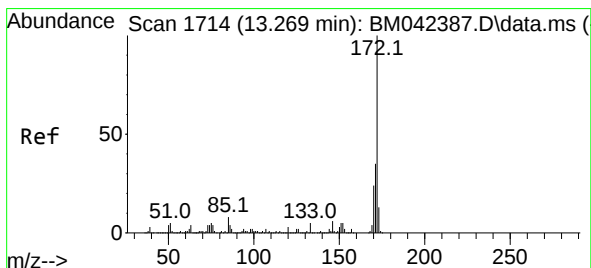
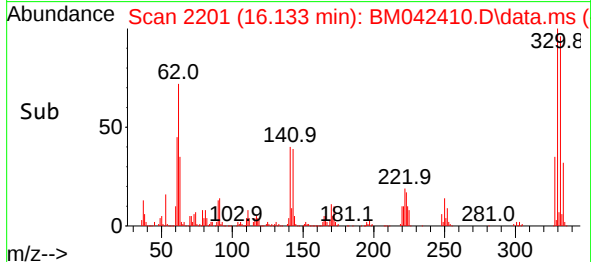
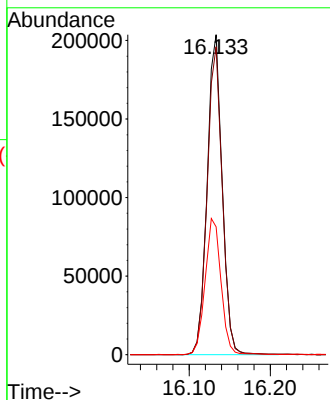
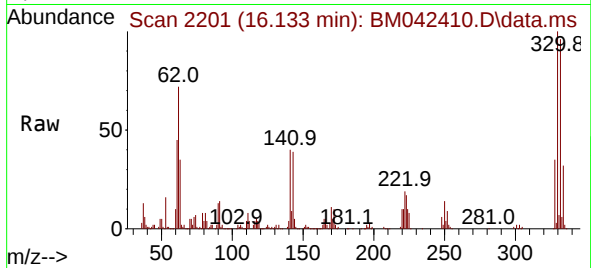
Tgt Ion:330 Resp: 261736

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

141 45.1 38.0 57.0



#45

2-Fluorobiphenyl

Concen: 60.165 ng

RT: 13.263 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM042410.D

Acq: 23 Oct 2023 19:59

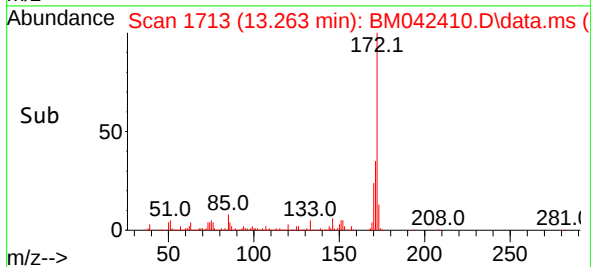
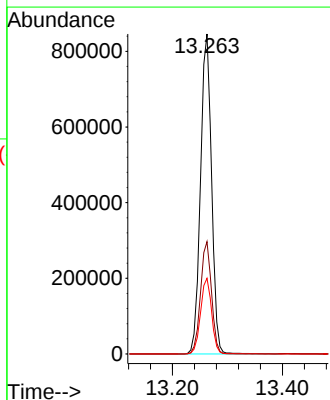
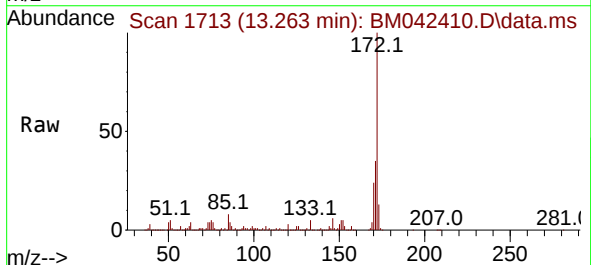
Tgt Ion:172 Resp: 1183459

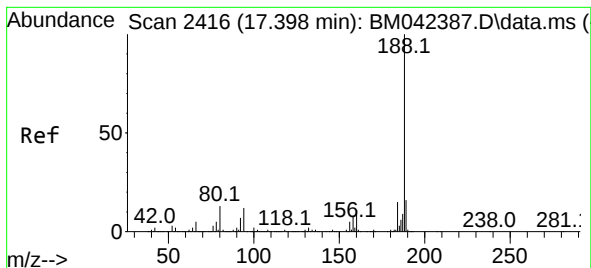
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM042410.D

Acq: 23 Oct 2023 19:59

Instrument :

BNA_M

ClientSampleId :

PAT-2-101823

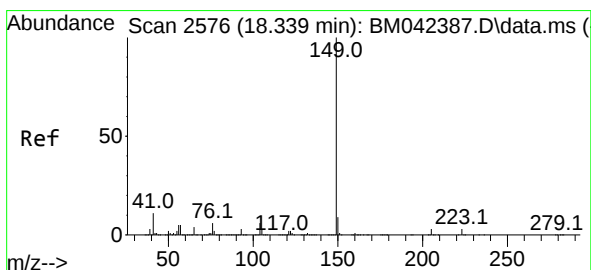
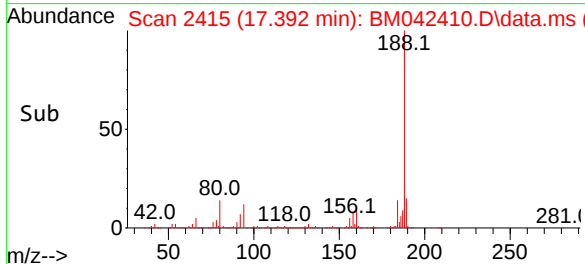
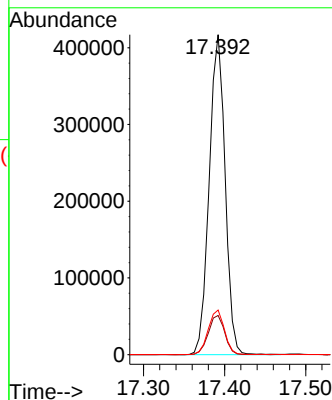
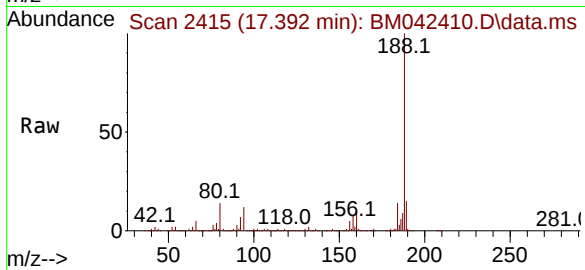
Tgt Ion:188 Resp: 566236

Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.0

80 13.9 10.7 16.1



#74

Di-n-butylphthalate

Concen: 2.954 ng

RT: 18.333 min Scan# 2575

Delta R.T. -0.006 min

Lab File: BM042410.D

Acq: 23 Oct 2023 19:59

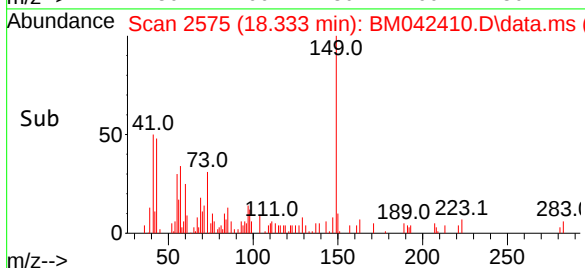
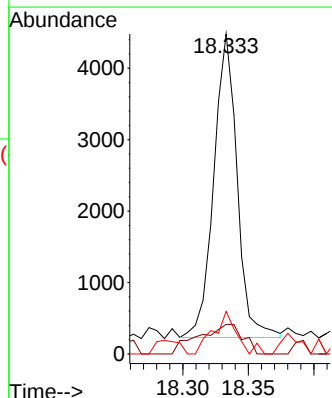
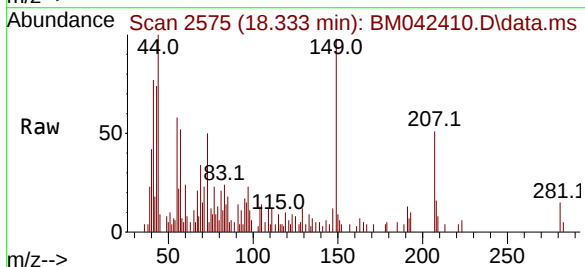
Tgt Ion:149 Resp: 5253

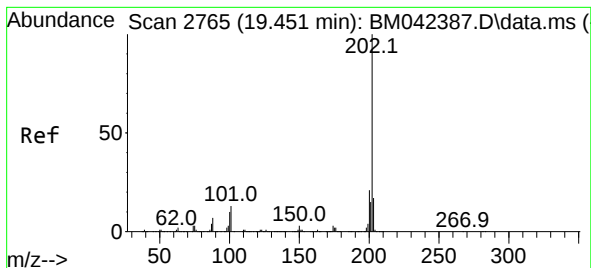
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 13.3 4.6 7.0#





#75

Fluoranthene

Concen: 2.352 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042410.D

Acq: 23 Oct 2023 19:59

Instrument :

BNA_M

ClientSampleId :

PAT-2-101823

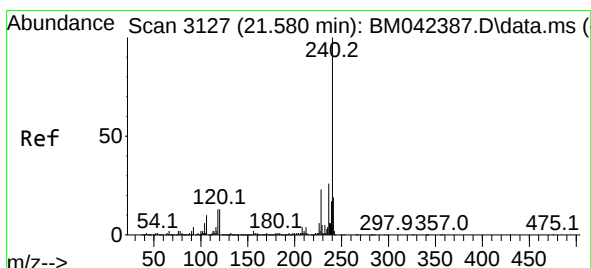
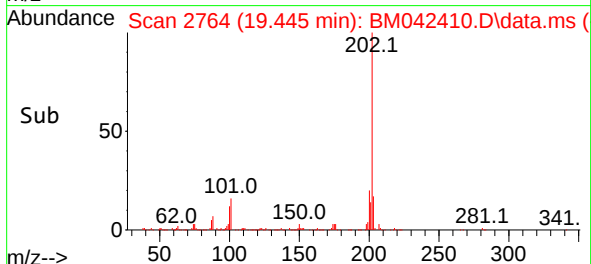
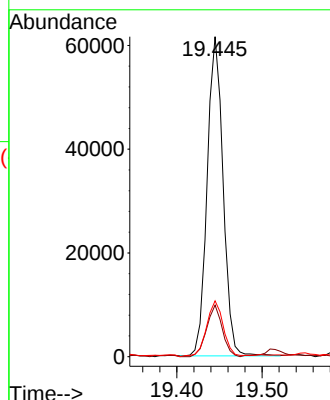
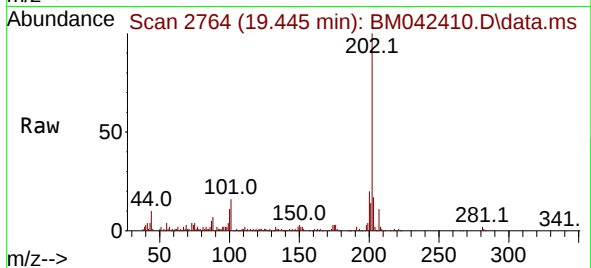
Tgt Ion:202 Resp: 79799

Ion Ratio Lower Upper

202 100

101 16.1 0.0 33.3

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM042410.D

Acq: 23 Oct 2023 19:59

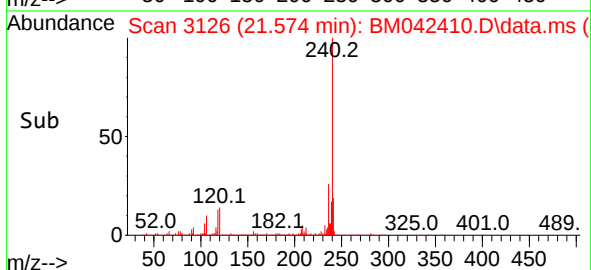
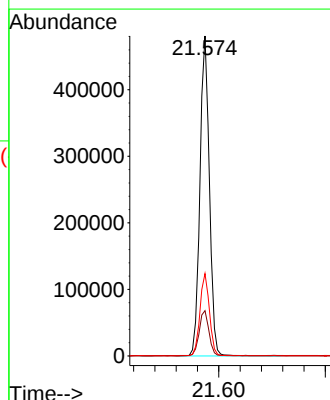
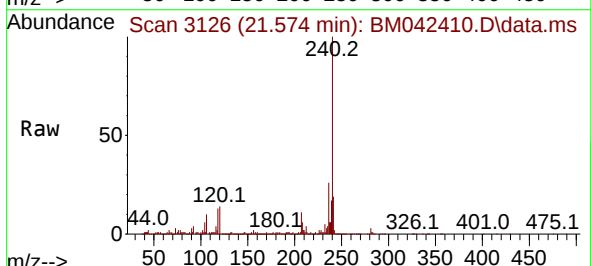
Tgt Ion:240 Resp: 591544

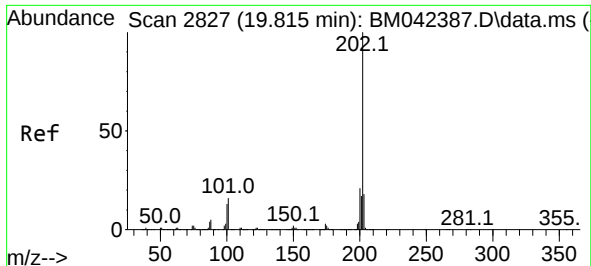
Ion Ratio Lower Upper

240 100

120 14.1 10.7 16.1

236 25.8 20.7 31.1

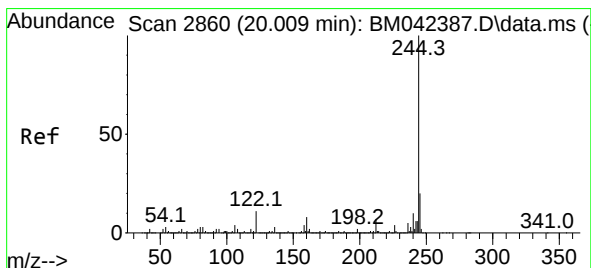
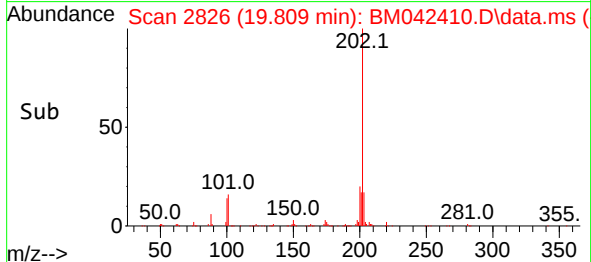
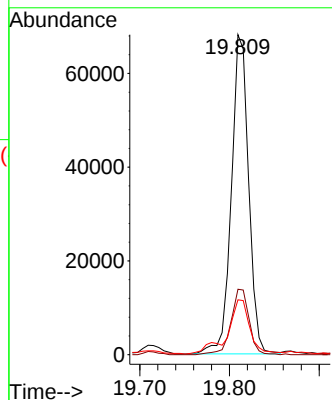
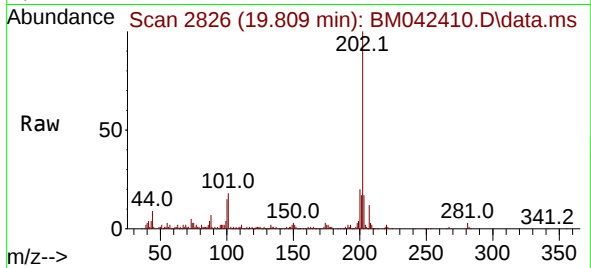




#78
 Pyrene
 Concen: 2.200 ng
 RT: 19.809 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042410.D
 Acq: 23 Oct 2023 19:59

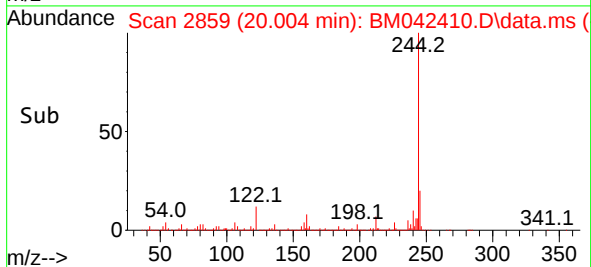
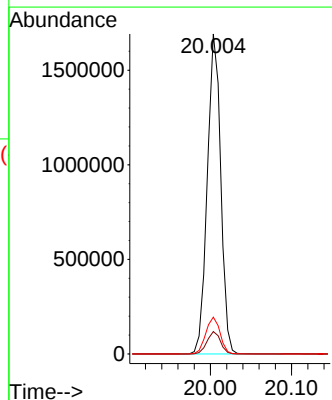
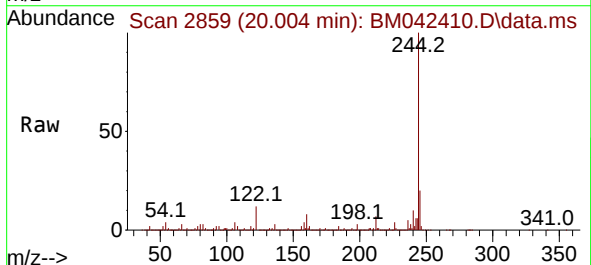
Instrument :
 BNA_M
 ClientSampleId :
 PAT-2-101823

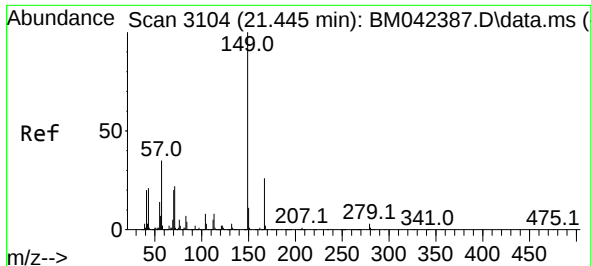
Tgt Ion:202 Resp: 90956
 Ion Ratio Lower Upper
 202 100
 200 20.4 17.1 25.7
 203 17.2 14.1 21.1



#79
 Terphenyl-d14
 Concen: 58.111 ng
 RT: 20.004 min Scan# 2859
 Delta R.T. -0.005 min
 Lab File: BM042410.D
 Acq: 23 Oct 2023 19:59

Tgt Ion:244 Resp: 1938281
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.5 8.8 13.2

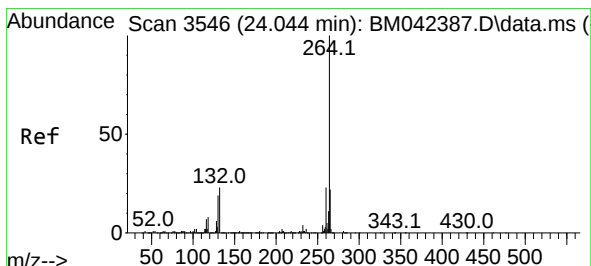
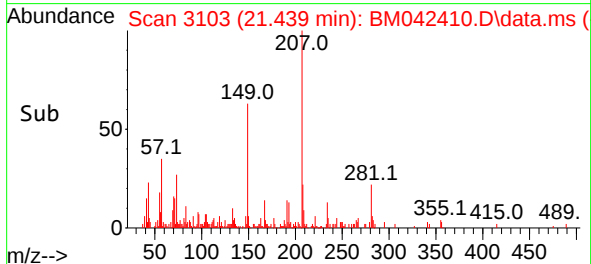
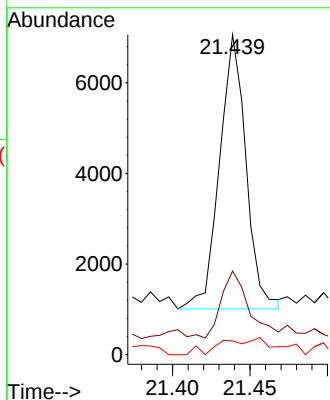
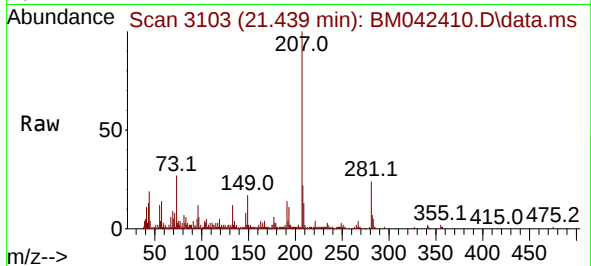




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.620 ng
 RT: 21.439 min Scan# 3103
 Delta R.T. -0.006 min
 Lab File: BM042410.D
 Acq: 23 Oct 2023 19:59

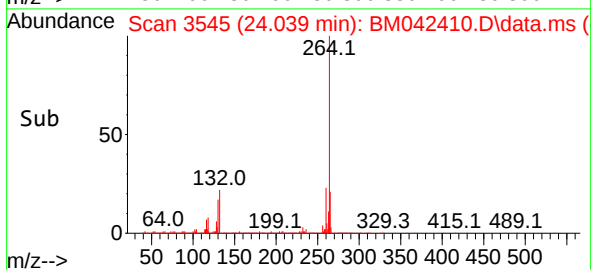
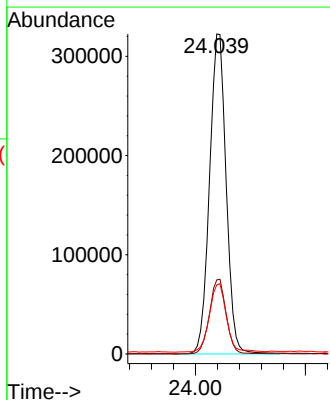
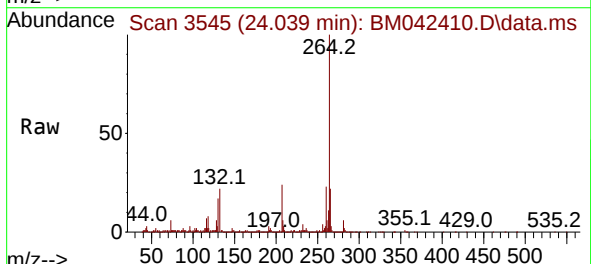
Instrument :
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 ClientSampleId :
 PAT-2-101823

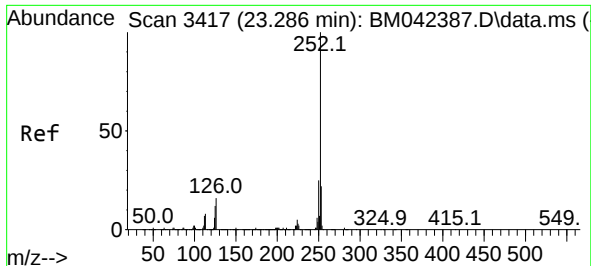
Tgt Ion:149 Resp: 7203
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.9 31.3
 279 4.3 2.7 4.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.039 min Scan# 3545
 Delta R.T. -0.006 min
 Lab File: BM042410.D
 Acq: 23 Oct 2023 19:59

Tgt Ion:264 Resp: 676141
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.6 17.8 26.8

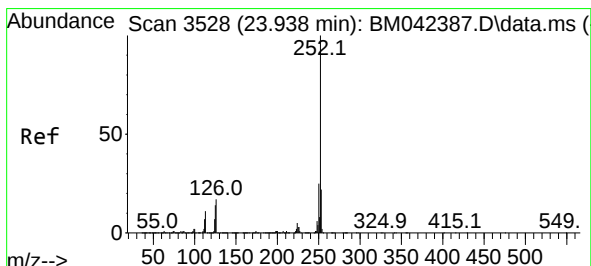
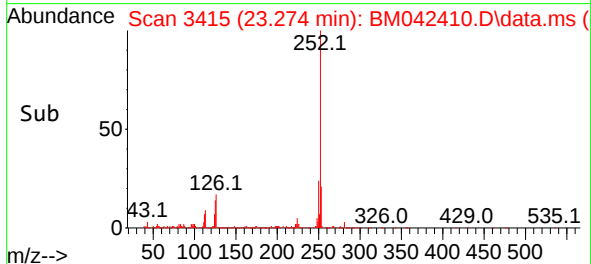
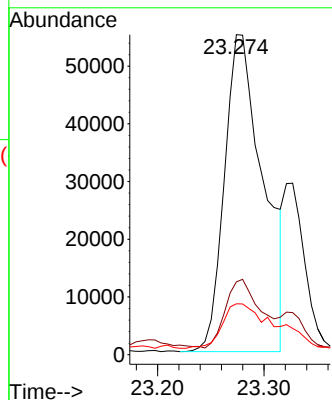
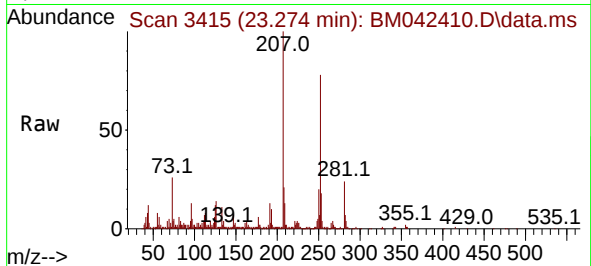




#88
Benzo(b)fluoranthene
Concen: 3.420 ng
RT: 23.274 min Scan# 3417
Delta R.T. -0.012 min
Lab File: BM042410.D
Acq: 23 Oct 2023 19:59

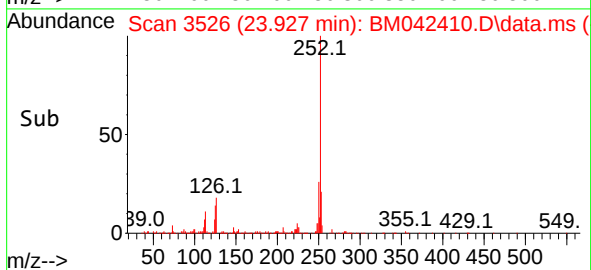
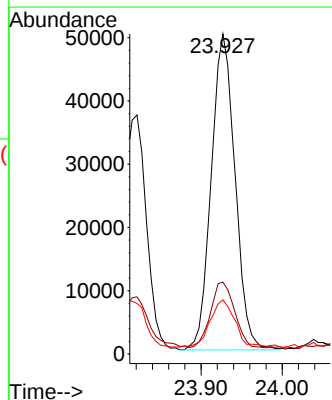
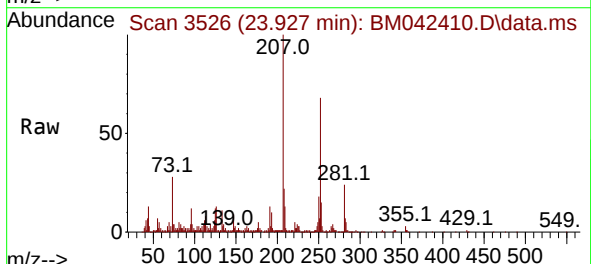
Instrument :
BNA_M
ClientSampleId :
PAT-2-101823

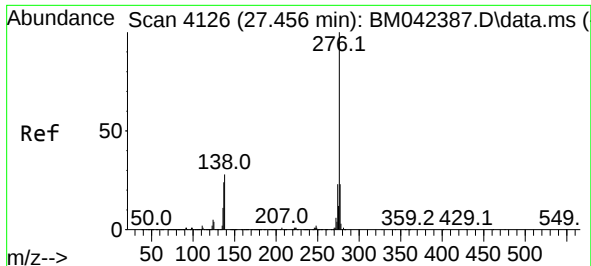
Tgt Ion:252 Resp: 139206
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 15.9 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 2.599 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BM042410.D
Acq: 23 Oct 2023 19:59

Tgt Ion:252 Resp: 101801
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 16.9 10.9 16.3#





#92
 Benzo(g,h,i)perylene
 Concen: 2.368 ng
 RT: 27.427 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: BM042410.D
 Acq: 23 Oct 2023 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PAT-2-101823

Tgt Ion:276 Resp: 94473
 Ion Ratio Lower Upper
 276 100
 277 25.1 18.3 27.5
 138 27.6 22.6 34.0

